

**National Mission for Clean Ganga (NMCG)  
Ministry of Jal Shakti,  
River Development & Ganga Rejuvenation  
Government of India**

**Development and Rehabilitation of Sewage Treatment  
Plants and Associated Infrastructure Under Hybrid  
Annuity Based PPP Mode at Prayagraj, Uttar Pradesh**

**(LOA File Number: 50123/447/121, dated 10/11/2018)**

**Monthly Progress Report  
of  
Project Engineer  
DECEMBER 2020**



**Executing Agency**

GPCU, Uttar Pradesh Jal  
Nigam, Prayagraj, Uttar  
Pradesh  
211008



**Funding Agency**

National Mission for Clean  
Ganga, Ministry of Water  
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**Concessionaire**

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## **1. Introduction**

The GoI (Government of India), recognizing that the long-term rejuvenation of the river Ganga will have significant social and economic benefits on the lives of 500 Million people living along its basin, has identified cleaning of the river Ganga as one of its priorities. For this purpose, in May-2015, The Government of India approved the flagship Namami Gange Program for cleaning rejuvenation and protection of river Ganga and its tributaries. In January-2016, The Government of India approved a Hybrid annuity model to implement the STP project under the Namami Gange program on a PPP basis. Subsequently, the MoWR (Ministry of Water Resources) issued the river Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Ganga 2016 Order) to constitute various authorities to assist the Government of India in achieving its aim of effective abatement of pollution in the river Ganga. The Ganga 2016 order designated NMCG as the nodal agency for implementation of the Ganga 2016 order.

Rapidly increasing population, rising standards of living and exponential growth of industrialisation and urbanisation have exposed water resources, in general, and rivers to various forms of degradation. The mighty Ganga is no exception. The deterioration in the water quality impacts the people immediately. Ganga, in some stretches, particularly during lean seasons has become unfit even for bathing. The threat of global climate change, the effect of glacial melt on Ganga flow and the impacts of infrastructural projects in the upper reaches of the river, raise issues that need a comprehensive response.

In the Ganga basin approximately 12,000 million litres per day (MLD) sewage is generated, for which presently there is a treatment capacity of only around 4,000 MLD. Approximately 3000 MLD of sewage is discharged into the mainstream of the river Ganga from the Class I & II towns located along the banks, against which treatment capacity of about 1000 MLD has been created till date.

The Uttar Pradesh Jal Nigam (Jal Nigam) is a statutory body constituted under the Uttar Pradesh Water Supply and Sewerage Act, 1975, and has the power to develop, maintain and regulate water supply and sewerage works in Uttar Pradesh. With a view to implement the Namami Gange programme and the Ganga 2016 Order, the Jal Nigam, in association with the NMCG, has decided to undertake the Project;

- Development and Rehabilitation of Sewage Treatment Plants (STPs) and Associated Infrastructure at Prayagraj under Hybrid Annuity based PPP mode in State of Uttar Pradesh.

While the Jal Nigam will be the principal executing agency and bidding authority for the Project, NMCG will be responsible for making payments to the Concessionaire and Project Engineer.

## **2. Hybrid Annuity Model (HAM)**

Government of India has approved the Namami Gange program as an integrated approach for effective abatement of pollution in river Ganga and Yamuna. As part of this and to ensure that no untreated domestic sewage flow into the river Ganga and Yamuna, various interventions are planned such as Interception & Diversion works and development & operation of Sewage Treatment Plants (STPs).

Considering various development models in practice for the construction, operation and maintenance of Sewage Treatment Plants, Government of India has approved the Hybrid Annuity based Public Private Partnership (PPP) mode as one of the options for the development & operation of STPs. Under

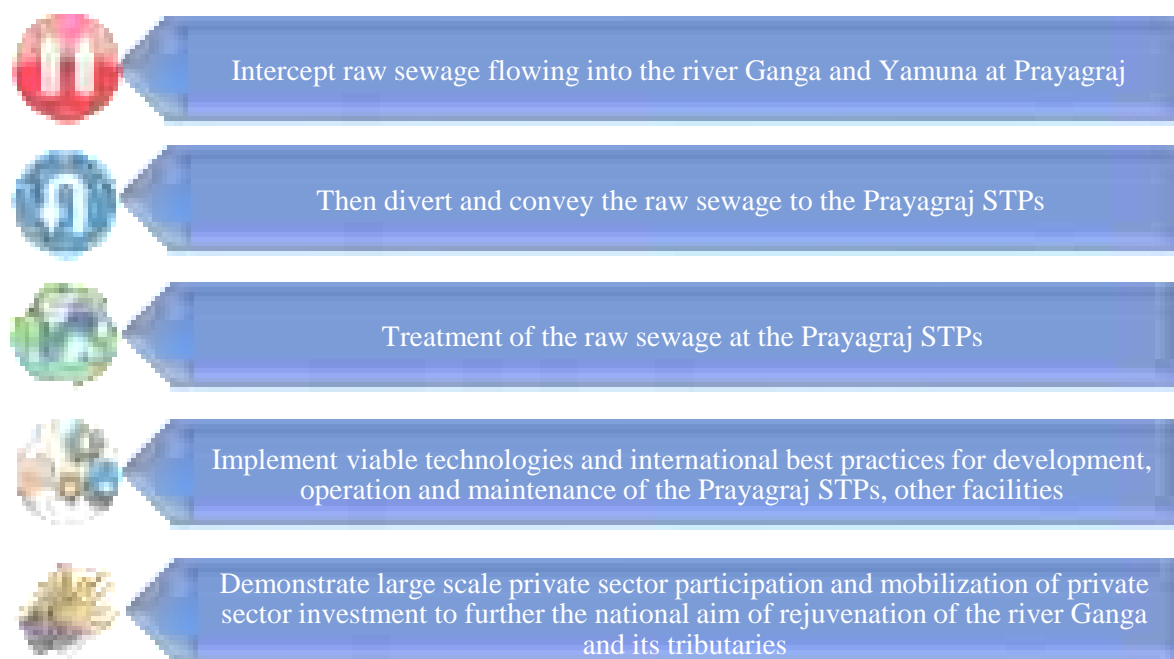
this model, private investor/developer will design, build, finance, construct, rehabilitate, renovate, operate and maintain the asset (STPs, IPS, and MPS) to the Project Executing Agency/Jal Nigam at the end of the Concession Period (15 years). 40% of the Capital cost will be paid to the developer during construction of the STP. Balance 60% along with Operation & Maintenance (O&M) cost will be paid over the Concession Period on achievement of key performance indicators as per the contract. Entire cost of development and operation of the STPs will be 100% funded by the Government of India as central sector scheme.

National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN) appointed M/s. AECOM India Pvt. Ltd., as Project Engineer for this project through tendering process. Letter of Award is issued dated 4th February 2019 and agreement signed between the parties on 5<sup>th</sup> April 2019.

### 3. Objectives

Objectives to achieve effective Development of Sewage Treatment Plants (STPs) at Jhunsi, Naini and Phaphamau, rehabilitation of existing STPs & associated Infrastructure and operation and maintenance of all assets for 15 years in Prayagraj, Uttar Pradesh, under Hybrid Annuity based PPP mode are proposed under this project.

The objectives that NMCG and the UP Jal Nigam wish to achieve through the Project is mentioned in **Figure 1**;



**Figure 1 : Objectives of NMCG and UP JAL NIGAM**

Government of India has approved the Namami Gange program as an integrated approach for effective abatement of pollution in river Ganga and Yamuna. As part of this and to ensure that no untreated domestic sewage flow into the river Ganga and Yamuna, various interventions are planned such as Interception & Diversion works and development & operation of Sewage Treatment Plants (STPs). Considering various development models in practice for the construction, operation and maintenance

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National Mission for Clean Ganga (NMCG) appointed M/s. AECOM India Pvt. Ltd., Gurgaon as Project Engineer for this project through tendering process. Letter of Award is issued dated 4<sup>th</sup> February 2019 and agreement signed between the parties on 5<sup>th</sup> April 2019.

#### 4. Project at Glance

The Project components details of each Facility, their grouping in each Package is presented below;

Sr. No.	Particulars	Description
1.0	Name of Project	<b>Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure under HAM based PPP mode at Prayagraj, Uttar Pradesh</b>
	Client	National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN)
2.0	Executing Agency	Uttar Pradesh Jal Nigam, Ganga Pollution Control Unit, Prayagraj, Uttar Pradesh
3.0	Project Engineer	AECOM India Pvt. Ltd.
4.0	Concessionaire	Prayagraj Water Pvt. Ltd. (SPV of ADANI Enterprise Ltd. JV Organica Technologiak ZRT)
5.0	Contract Value (Capex + Opex)	INR 908.3 Crore
6.0	Effective Date	16 <sup>th</sup> September 2019
7.0	Construction Completion Date	Package-I; 24 months from effective date Package-II; 12 months from effective date Package-III; 6 months from effective date
6.0	Operation & Maintenance	Package-I; 15 years from commercial operation date Package-II; 16 years from commercial operation date Package-III; 16.5 years from commercial operation date

## 5. Site Location



Entire work has been divided/ distributed in the following 3 packages.

- Package-I: Construction of 03 Nos. new STP's with Associated Infrastructure (Naini-II (42 MLD), Jhansi (16 MLD) & Phaphamau (14 MLD)). Setup rooftop Solar Power Plant of capacity 930kW (110kW at Phaphamau, 800kW at Naini-II and 20kW at Jhansi).
- Package II: Rehabilitate and Restore 02 Nos. STP's with Associated Infrastructure (Rajapur (60 MLD) & Naini-I (60+20 MLD)).
- Package III: Rehabilitate and Restore 04 Nos. STP's with Associated Infrastructure Numayadahi (50 MLD), Ponghat (10 MLD), Kodra (25 MLD) & Salori (29 MLD).



## 6. Project Components

The Project components details of each Facility, their grouping in each Package is presented below

Package Number - I				
Nature of work		Facilities		
New construction		Design, develop, finance, construct, operate and maintain, and transfer the Package-I Facilities including three STP facilities with a proposed capacity of 42 MLD at Naini (District G), 14 MLD at Phaphamau (District F), and 16 MLD at Jhunsi along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Phaphamau Facilities (District -F)	Phaphamau STP Facilities	Phaphamau STP Plant	14 MLD
			Solar Power Plant	110 Kw
		Phaphamau Associated Infrastructure	Basna Nalla SPS	5.53 MLD
			Nalla Tapping and Trunk Sewer	2 Nos. Tapping
			Shantipuram Main Pumping Station	14 MLD
2	Naini Facilities (District - G)	Naini – II STP Facilities	Naini –II STP	42 MLD
			Solar Power Plant	800 Kw
		Naini -II Associated Infrastructure	Mawaiya Drain SPS	35.85 MLD
			Mawaiya Drain Tapping and Trunk Sewer	3 Nos. Tapping
			Mahewaghat Drain SPS	2.15 MLD
			Mahewaghat Drain and Trunk Sewer	3 Nos. Of Tapping
			Main Pumping Station	43.5 MLD
3	Jhunsi Facilities	Jhunsi STP Facilities	Jhunsi STP	16 MLD
			Solar Power Plant	20 Kw
		Jhunsi Associated Infrastructure	Shastri Bridge SPS	16 MLD
			Nalla Tapping and Trunk Sewer	13 Nos. Tapping
			Main Pumping Station	16 MLD



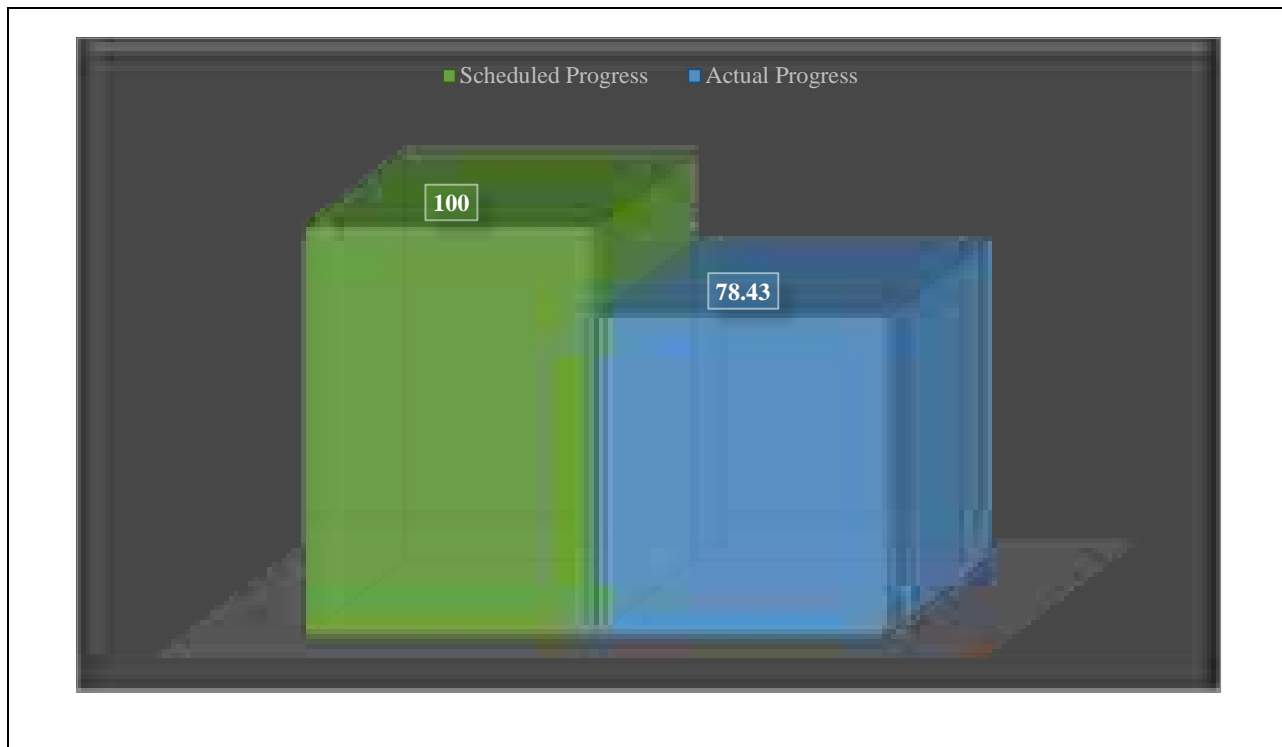
Package Number - II				
Nature of work		Facilities		
<b>Rehabilitation</b>		Design (wherever necessary), rehabilitate, restore, finance, operate and transfer two existing STP Facilities, one of capacity 80 MLD at Naini (District A) and other of capacity 60 MLD at Rajapur (District D) along with their Associated Infrastructure as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators.		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Naini -I Facilities (District A)	Naini-I STP Facilities	Naini –I STP (60 MLD) STP Technology: ASP	60 MLD
			Naini –I STP (20 MLD) STP Technology: ASP	20 MLD
			Naini- I Biogas Plant	600 KW
		Naini-I Associated Infrastructure	Chachar Nalla SPS	35 MLD with 2 Nos. Tapping
			Gaughat MPS	80 MLD
2	Rajapur Facilities (District D)	Rajapur STP Facilities	Rajapur STP STP Technology: UASB	60 MLD
		Rajapur Associated Infrastructure	Mumfordgunj SPS	55 MLD with 1 Nos. Tapping
			Rajapur SPS	25 MLD with 1 Nos. Tapping

Package Number - III				
Nature of work		Facilities		
<b>Rehabilitation</b>		Design (wherever necessary), rehabilitate, restore, finance, operate and transfer four existing STP Facilities, one of capacity 50 MLD at Numayadahi (District B), one of capacity 29 MLD at Salori (District C), one of capacity 25 MLD at Kodra (District E) and another of capacity 10 MLD at Ponghat (District E), along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators.		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Salori Facilities (District - C)	Salori STP Facilities	Salori STP (29 MLD) STP Technology: FAB	29 MLD
		Salori Associated Infrastructure	Salori MPS	29 MLD with 1 Nos. Tapping
2	Numayadahi Facilities (District B)	Numayadahi STP Facilities	Numayadahi STP STP Technology: Bio tower + ASP	50 MLD
		Numayadahi Associated Infrastructure	Ghaggar Nalla SPS	50 MLD with 1 Nos. Tapping
			Sasur Kadheri SPS	15 MLD with 1 Nos. Tapping
			Lukarganj SPS	16.5 MLD with 1 Nos. Tapping
3	Kodra Facilities (District E)	Kodra STP Facilities	Kodra STP STP Technology: Bio tower + ASP	25 MLD
		Kodra Associated Infrastructure	Kodra MPS	25 MLD with 1 Nos. Tapping
4	Ponghat Facilities (District E)	Ponghat STP Facilities	Ponghat STP STP Technology: Bio tower + ASP	10 MLD
		Ponghat Associated Infrastructure	Ponghat MPS	10 MLD with 1 Nos. Tapping

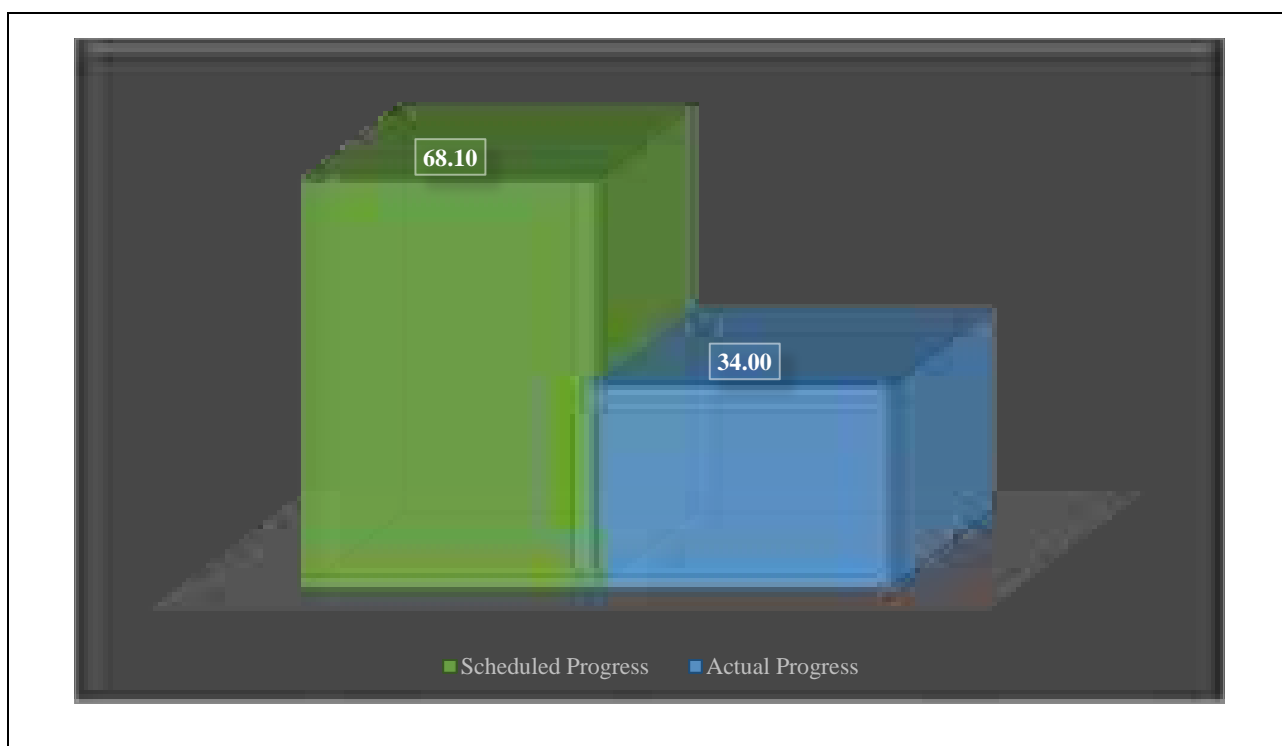
## 7. Status of project

### 7.1 Package-I status

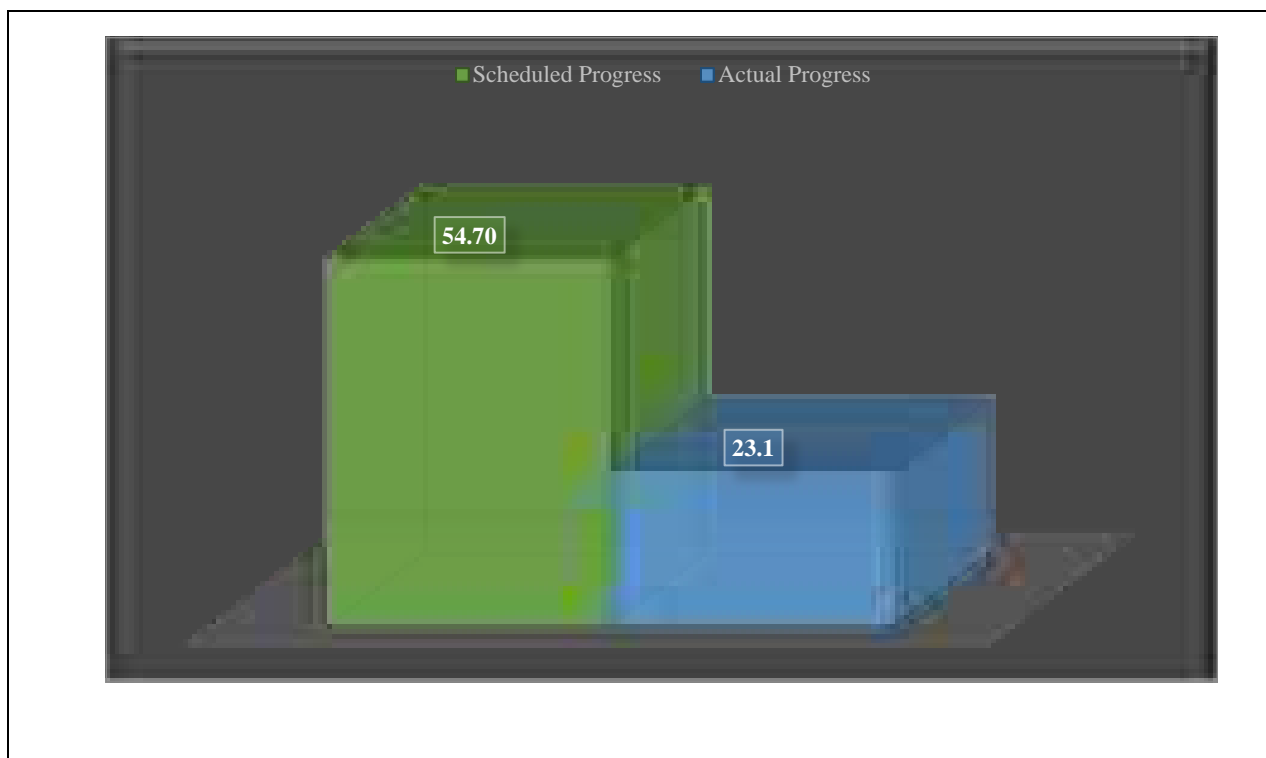
#### 7.1.1. Engineering status



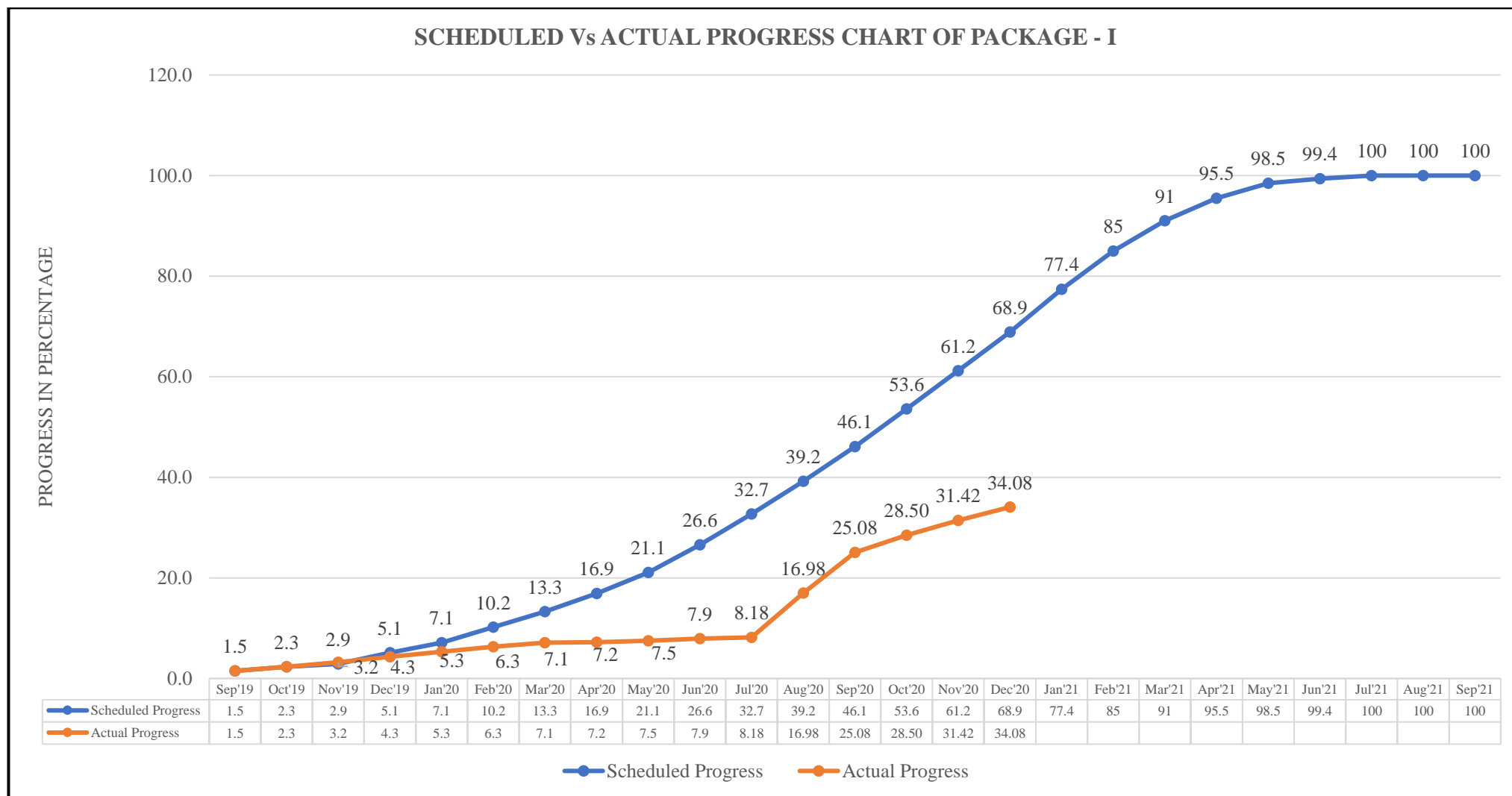
#### 7.1.2 Procurement & Supply status



### 7.1.3 Construction, Erection & Commissioning status



## 7.1.4 Overall Package-I Progress



## 7.1.5 Physical Activities in December month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
<b>PACKAGE – I</b>			
<b>PHAPHAMAU STP</b>			
1.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Sand filling at Bottom raft under progress.</li> <li>Wall shuttering &amp; Concreting work under progress.</li> </ul>
2.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Plinth beam preparation under progress.</li> <li>Column reinforcement under progress.</li> <li>Floor slab concreting completed</li> </ul>
3.	MPS	01 No.	<ul style="list-style-type: none"> <li>Excavation work is in progress.</li> </ul>
<b>NAINI – II STP</b>			
4.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Wall casting up to slab completed.</li> <li>Steel cutting &amp; bending work under progress.</li> </ul>
5.	Tube Settler	01 No.	<ul style="list-style-type: none"> <li>Marking, Level and coordinates for PCC under progress</li> </ul>
6.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Bar bending under progress of 1<sup>st</sup> roof slab.</li> </ul>
7.	Boundary Wall	01 No.	<ul style="list-style-type: none"> <li>Brick work in progress</li> </ul>
<b>JHUNSI STP</b>			
8.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Bottom Raft concreting work completed.</li> <li>1<sup>st</sup> lift wall Concrete completed.</li> <li>2<sup>nd</sup> lift wall Shuttering and RCC works under progress.</li> </ul>
9.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Column above Tie beam is completed.</li> </ul>

### 7.1.6 Physical Activities as per Construction plan:

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Phaphamau STP &amp; Associated Infrastructure</b>						
Tree cutting work	26-12-19	10-01-20	100	100	0	100
Dismantling of existing structure	21-12-19	05-01-20	100	100	0	100
<b>FCR tank unit</b>	08-02-20	25-02-21				
Excavation work	08-02-20	09-03-20	100	100	0	100
Boulder filling work	06-03-20	01-05-20	100	100	0	100
PCC work	28-04-20	06-05-20	100	100	0	100
RCC upto completion	03-05-20	14-01-21	90	60	5	65
Other Misc Works	11-01-21	25-02-21				
Hydrotesting	08-01-21	16-01-21				
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	14-04-20	22-12-20				
Earth work & Boulder filling work	14-04-20	09-05-20	100	92	0	92
PCC work	06-05-20	16-05-20	100	50	0	50
RCC upto completion	16-05-20	27-11-20				
Other Misc Works	12-11-20	22-12-20				
Hydrotesting	27-11-20	02-12-20				
<b>Main Process Building</b>	03-06-20	15-03-21				
Excavation	03-06-20	22-06-20	100	100	0	100
Rubble soling/ Stone filling work	22-06-20	26-06-20				
PCC	23-06-20	28-06-20				
Structure completion (Expect finishing works)	28-06-20	05-03-21				
Other Misc. Works	18-02-21	15-03-21				
Hydrotesting	05-03-21	10-03-21				
<b>Basana Nalla SPS and I&amp;D Works</b>	22-06-20	15-03-21				
Excavation work	22-06-20	22-07-20				
PCC	22-07-20	27-07-20				
RCC upto completion	27-07-20	09-03-21				
Hydrotesting	09-03-21	13-03-21				
Boundary wall	10-10-20	27-02-21				
Staff quarter	02-08-20	10-12-20				
Other Misc. Works	11-09-20	15-03-21				
<b>Shantipuram MPS and I&amp;D Works</b>	24-07-20	15-03-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation work	24-07-20	23-08-20	100	30	0	30
PCC	23-08-20	30-08-20				
RCC work upto completion	30-08-20	08-03-21				
Other Misc Works	08-03-21	15-03-21				
Hydrotesting	11-03-21	15-03-21				
Staff quarter	02-08-20	31-10-20	100	36	0	36
<b>Pipe laying (Rising Main &amp; Gravity Main)</b>	11-09-20	05-03-21				
<b>Rising main</b>	30-11-20	23-02-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	30-11-20	13-02-21				
Hydrotesting	13-02-21	23-02-21				
<b>Gravity Main</b>	11-09-20	05-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	11-09-20	28-02-21				
Hydrotesting	03-02-21	05-03-21				
<b>Other works</b>	15-11-19	27-02-21				
Site office (Temporary office)	15-11-19	14-01-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	02-07-20	27-02-21				
<b>Mechanical Erection-STP</b>	13-11-20	17-05-21				
Pumps	07-01-21	19-03-21				
Lamella clarifier/ Tube settler	13-11-20	08-02-21				
Grit removal system	26-02-21	07-05-21				
Blowers & Diffuser	26-02-21	07-05-21				
Firefighting System	26-02-21	07-05-21				
Screens	26-02-21	07-05-21				
Piping, Valves & Gates	18-02-21	17-05-21				
Chlorination	13-02-21	15-05-21				
Media Installation/ Bio module	02-01-21	22-04-21				
Other misc. work	02-01-21	15-05-21				

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Mechanical Erection- SPS &amp; MPS</b>	03-02-21	15-05-21				
Pumps	27-02-21	14-05-21				
Screens	25-03-21	06-05-21				
Piping, Valves & Gates	03-02-21	15-05-21				
Other misc. work	24-02-21	15-05-21				
<b>Electrical and C&amp;I- STP Unit</b>	14-01-21	15-05-21				
Transformer Installation	14-01-21	28-02-21				
HT/LT Panel erection	17-01-21	13-03-21				
Instrumentation works	08-02-21	15-05-21				
CCTV	29-04-21	14-05-21				
Cable Laying	12-02-21	15-05-21				
PLC Panel & Online monitoring system	02-02-21	14-05-21				
Solar Panel	02-02-21	08-05-21				
DG Installation	12-02-21	13-04-21				
Other misc. work	17-01-21	14-05-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	07-02-21	15-05-21				
Transformer Installation	10-02-21	02-04-21				
HT/LT Panel Erection	07-02-21	04-04-21				
CABLE LAYING	07-02-21	27-04-21				
DG Installation	07-02-21	03-04-21				
PLC Panel & Online monitoring system	23-02-21	08-04-21				
Other misc. work	08-03-21	27-04-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Naini-II STP &amp; Associated Infrastructure</b>						
Removal of shrubs	25-01-19	09-02-20	100	100	0	100
<b>FCR tank unit</b>	09-02-20	15-03-21				
Excavation work	09-02-20	15-03-20	100	100	0	100
Boulder filling work	22-05-20	31-07-20	100	100	0	100
PCC work	24-07-20	08-08-20	100	90	10	100
RCC work upto completion	05-08-20	03-03-21	80	30	14	44
Other Misc Works	01-02-21	15-03-21				
Hydrotesting	05-03-21	15-03-21				

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	14-05-20	15-03-21				
Earth work & Boulder filling work	14-05-20	28-06-20	100	100	0	100
PCC work	11-07-20	19-07-20				
RCC work upto completion	19-07-20	03-03-21				
Other Misc Works	27-01-21	13-03-21				
Hydrotesting	06-03-21	15-03-21				
<b>Main Process Building</b>	24-05-20	12-03-21				
Excavation	24-05-20	28-06-20	100	70	0	70
Rubble soling/ Stone filling work	23-06-20	23-07-20				
PCC	08-07-20	07-08-20				
Structure completion (Expect finishing works)	07-08-20	23-02-21				
Other Misc Works	09-02-21	12-03-21				
Hydrotesting	23-02-21	05-03-21				
<b>Mawaiya SPS and I&amp;D work</b>	03-06-20	15-03-21				
Excavation work	03-06-20	23-06-20				
PCC	23-06-20	03-07-20				
RCC WORK upto completion	03-07-20	18-02-21				
Hydrotesting	18-02-21	21-02-21				
Boundary wall	12-08-20	10-12-20				
Staff quarter	01-10-20	08-02-21				
I&D Other misc works	31-10-20	15-03-21				
<b>Mahewaghat SPS and I&amp;D work</b>	17-06-20	15-03-21				
Excavation work	17-06-20	22-07-20				
PCC	22-07-20	29-07-20				
RCC Work upto completion	29-07-20	14-02-21				
Other finishing work	01-09-20	07-03-21				
Hydrotesting	10-02-21	16-02-21				
Boundary wall	06-11-20	06-03-21				
Staff quarter	26-11-20	01-03-21				
I&D Other misc works	18-11-20	15-03-21				
<b>Naini-II MPS and I&amp;D work</b>	03-07-20	15-03-21				

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation work	03-07-20	07-08-20	100	0	20	20
PCC	04-08-20	09-08-20				
RCC Work upto completion	09-08-20	07-03-21				
Other finishing work	31-01-21	10-03-21				
Hydrotesting	10-03-21	15-03-21				
Staff quarter	03-07-20	31-10-20	100	31	0	31
I&D Other misc works	02-11-20	15-03-21				
<b>Pipe laying ( Rising Main &amp; Gravity Main)</b>	13-07-20	15-03-21				
<b>Rising main</b>	10-11-20	16-02-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	10-11-20	08-02-21				
Hydrotesting	06-02-21	16-02-21				
<b>Gravity Main</b>	13-07-20	15-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	13-07-20	28-02-21				
Hydrotesting	24-01-21	15-03-21				
<b>Other works</b>	27-11-19	15-05-21				
Site office (Temporary office)	27-11-19	11-01-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	23-12-19	15-05-21	15	27	7	34
<b>Mechanical Erection-STP unit</b>	01-02-21	15-05-21				
Pumps	03-03-21	12-05-21				
Lamella clarifier/ Tube settler	18-03-21	02-05-21				
Grit removal system	23-02-21	24-04-21				
Piping, Valves & Gates	13-02-21	15-05-21				
Fire fighting system	16-02-21	13-05-21				
Chlorination	16-02-21	13-05-21				
Blowers & Diffuser	06-02-21	07-05-21				
Screens	02-03-21	01-05-21				
Media Installation/ Bio module	13-03-21	12-05-21				
Other misc. work	01-02-21	13-05-21				

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Mechanical Erection- SPS &amp; MPS</b>	13-02-21	15-05-21				
Pumps	15-03-21	14-05-21				
Screens	28-02-21	29-04-21				
Piping, Valves & Gates	13-02-21	15-05-21				
Other misc. work	23-02-21	15-05-21				
<b>Electrical and C&amp;I- STP Unit</b>	12-01-21	15-05-21				
Transformer Installation	13-03-21	15-05-21				
HT/LT panel erection	03-03-21	15-05-21				
PLC Panel & Online monitoring system	03-03-21	15-05-21				
Instrumentation works	23-02-21	09-05-21				
CCTV	27-04-21	12-05-21				
Cable laying	23-02-21	15-05-21				
Solar Panel	11-02-21	12-05-21				
Other misc. work	12-01-21	27-04-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	15-02-21	15-05-21				
Transformer Installation	07-03-21	27-04-21				
HT/LT panel erection	24-02-21	21-04-21				
CABLE LAYING	15-02-21	15-05-21				
DG Installation	07-03-21	16-04-21				
PLC Panel & Online monitoring system	21-03-21	20-04-21				
Other misc. work	07-03-21	15-05-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Trial Run, Final Inspection and COD</b>	15-06-21	15-09-21				
Trial Run and Final Inspection	15-06-21	14-09-21				
COD	14-09-21	15-09-21				
<b>Jhansi STP &amp; Associated Infrastructure</b>						
<b>FCR tank unit</b>	<b>29-07-20</b>	03-03-21				
Excavation work	29-07-20	22-08-20	100	100	0	100
Boulder filling work	22-08-20	29-08-20	100	100	0	100
PCC work	29-08-20	03-09-20	100	100	0	100
RCC upto completion	03-09-20	20-02-21	80	0	32	32
Other finishing work	31-01-21	03-03-21				

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Hydrotesting	20-02-21	25-02-21				
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	08-08-20	13-03-21				
Earth work & Boulder filling work	08-08-20	07-09-20				
PCC work	07-09-20	14-09-20				
RCC upto completion	14-09-20	26-02-21				
Other finishing work	06-02-21	10-03-21				
Hydrotesting	10-03-21	13-03-21				
<b>Main Process Building</b>	03-08-20	15-03-21				
Excavation & Column	03-08-20	29-08-20				
Rubble soling/ Stone filling work	29-08-20	07-09-20				
PCC	07-09-20	21-10-20				
Structure completion (Expect finishing works)	21-10-20	10-03-21				
Other finishing work	18-02-21	15-03-21				
Hydrotesting	10-03-21	13-03-21				
<b>Shastri bridge SPS and I&amp;D work</b>	19-06-20	15-03-21				
Excavation work	19-06-20	09-07-20				
PCC	06-07-20	16-07-20				
RCC upto completion	16-07-20	12-01-21				
Other finishing work	22-01-21	26-02-21				
Hydrotesting	26-02-21	01-03-21				
Boundary wall	28-12-20	10-03-21				
Staff quarter	31-07-20	19-10-20				
Other Misc works	28-12-20	15-03-21				
<b>Jhansi MPS and I&amp;D work</b>	08-08-20	15-03-21				
Excavation work	18-08-20	12-09-20				
PCC	12-09-20	19-09-20				
RCC upto completion	19-09-20	19-02-21				
Other finishing work	30-01-21	11-03-21				
Hydrotesting	11-03-21	15-03-21				
Staff quarter	14-10-20	27-01-21	80	27	2	29
Other Misc works	23-11-20	06-02-21				
<b>Pipe laying ( Rising Main &amp; Gravity Main)</b>	08-08-20	15-03-21				
<b>Rising main</b>	26-11-20	04-03-21				

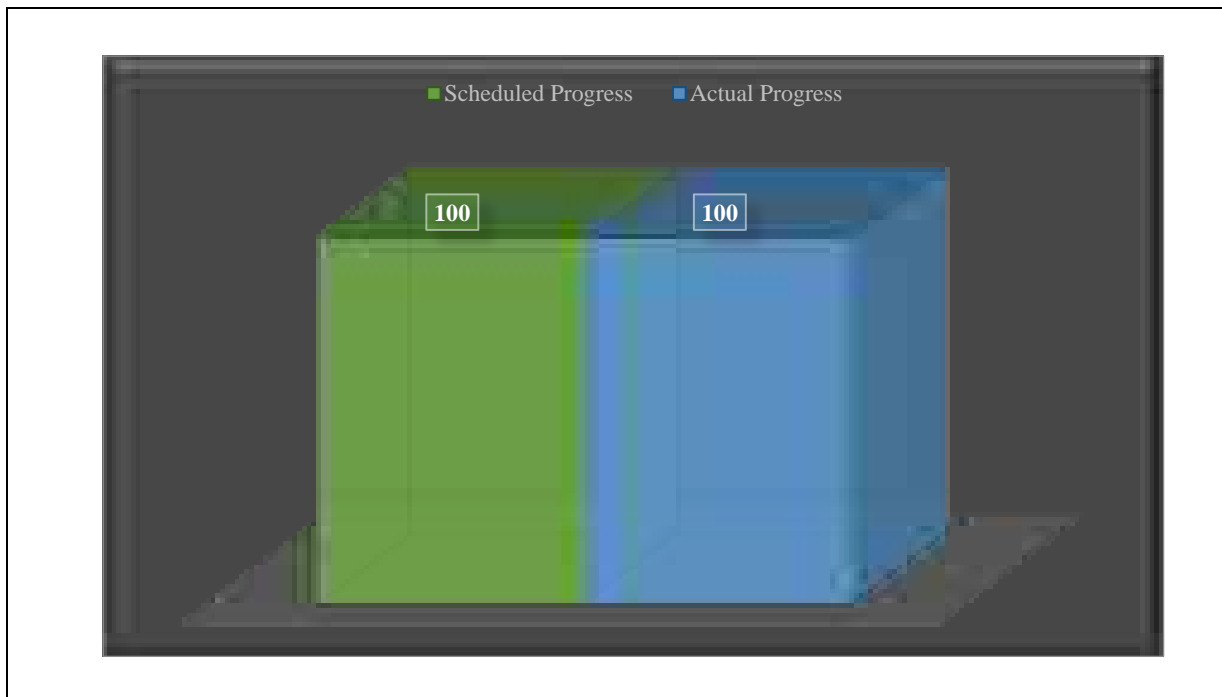
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation, Laying & Jointing, Backfilling/ Restoration works	26-11-20	24-02-21				
Hydrotesting	22-02-21	04-03-21				
<b>Gravity Main</b>	08-08-20	15-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	08-08-20	06-03-21				
Hydrotesting	30-01-21	15-03-21				
<b>Other works</b>	14-02-20	20-03-21				
Site office (Temporary office)	14-02-20	29-04-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	13-07-20	20-03-21				
<b>Mechanical Erection- STP unit</b>	30-01-21	15-05-21				
Pumps	27-02-21	06-05-21				
Lamella clarifier/ Tube settler	05-03-21	24-04-21				
Firefighting System	02-03-21	13-05-21				
Chlorination	02-03-21	13-05-21				
Grit removal system	02-03-21	13-05-21				
Blowers & Diffuser	10-03-21	15-05-21				
Screens	30-01-21	10-05-21				
Piping, Valves & Gates	05-03-21	14-05-21				
Media Installation/ Bio module	13-03-21	12-05-21				
Other misc. work	13-03-21	15-05-21				
<b>Mechanical Erection- SPS &amp; MPS</b>	12-01-21	15-05-21				
Pumps	19-02-21	15-05-21				
Screens	01-03-21	15-05-21				
Piping, Valves & Gates	15-03-21	15-05-21				
Other misc. work	12-01-21	05-04-21				
<b>Electrical and C&amp;I- STP Unit</b>	02-12-20	15-05-21				
Transformer Installation	02-12-20	29-01-21				
HT/LT panel erection	10-03-21	07-05-21				



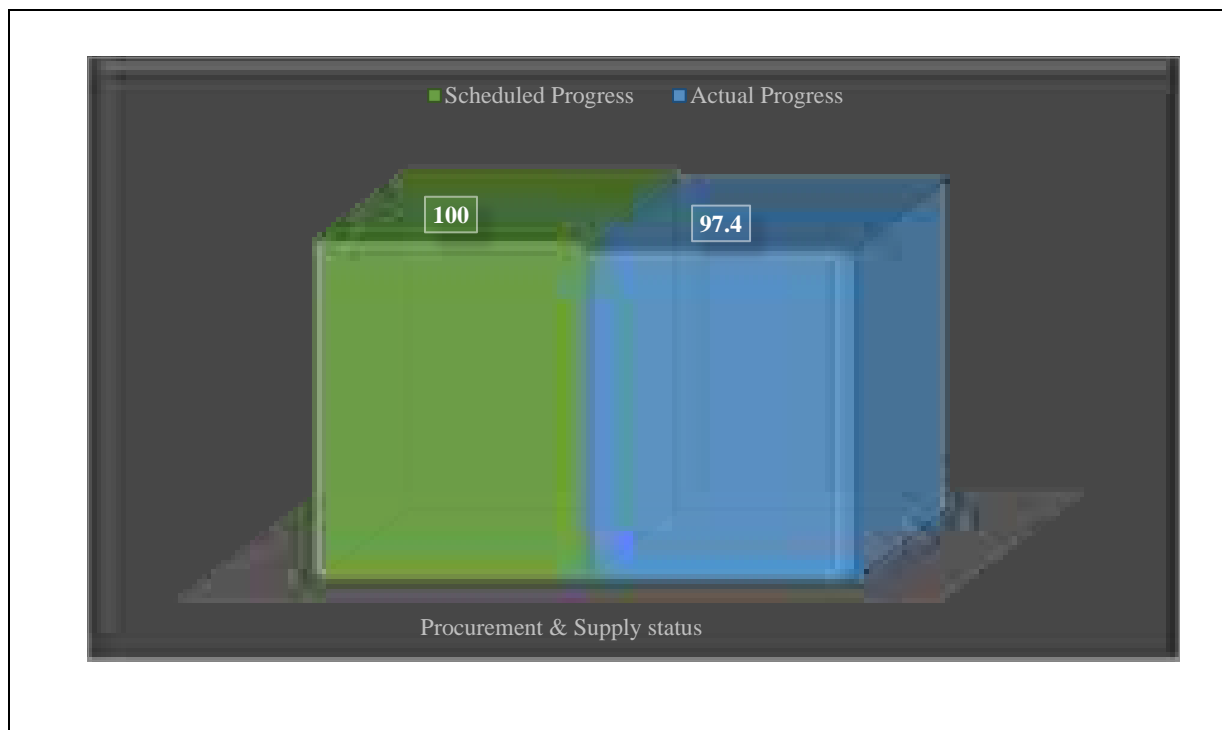
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
PLC Panel & Online monitoring system	10-03-21	29-04-21				
Instrumentation works	08-03-21	15-05-21				
CCTV	24-04-21	14-05-21				
Cable laying	20-02-21	15-05-21				
DG Installation	22-12-20	31-01-21				
Solar Panel	10-01-21	10-05-21				
Other misc. work	03-03-21	15-05-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	13-12-20	13-05-21				
Transformer Installation	13-12-20	02-02-21				
HT/LT Panel erection	21-03-21	13-05-21				
Cable laying	02-01-21	28-03-21				
DG Installation	02-02-21	26-03-21				
PLC Panel & Online monitoring system	26-03-21	09-05-21				
Other misc. work	19-02-21	13-05-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Trial Run, Final Inspection and COD</b>	15-06-21	15-09-21				
Trial Run and Final Inspection	15-06-21	14-09-21				
COD	14-09-21	15-09-21				

## 7.2 Package-II status

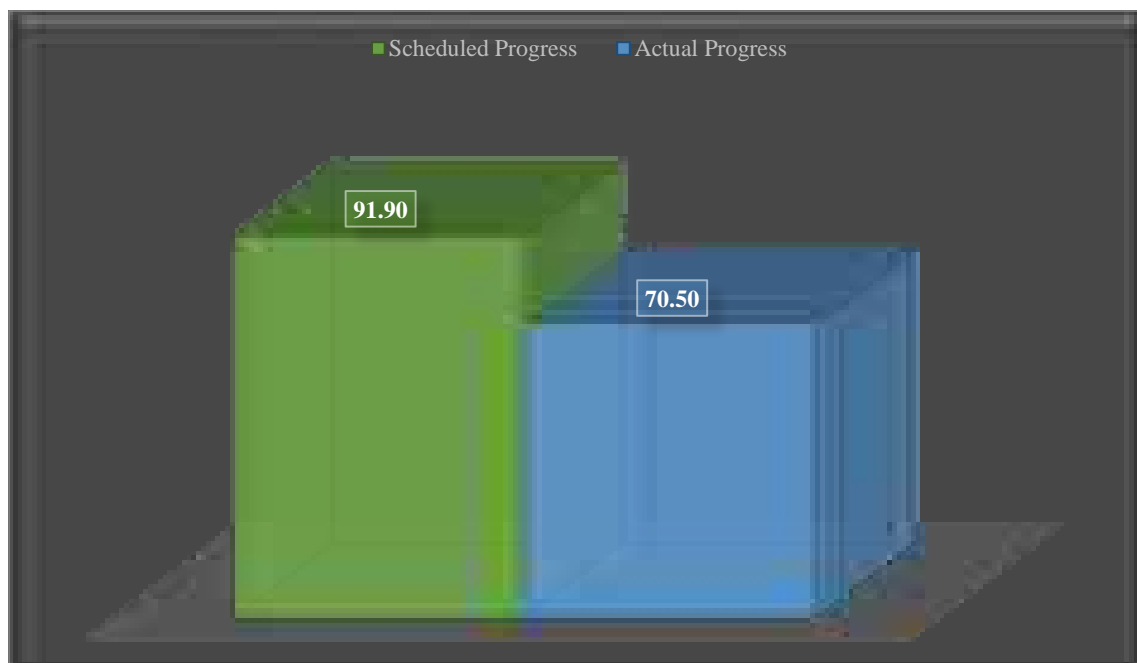
### 7.2.1. Engineering status



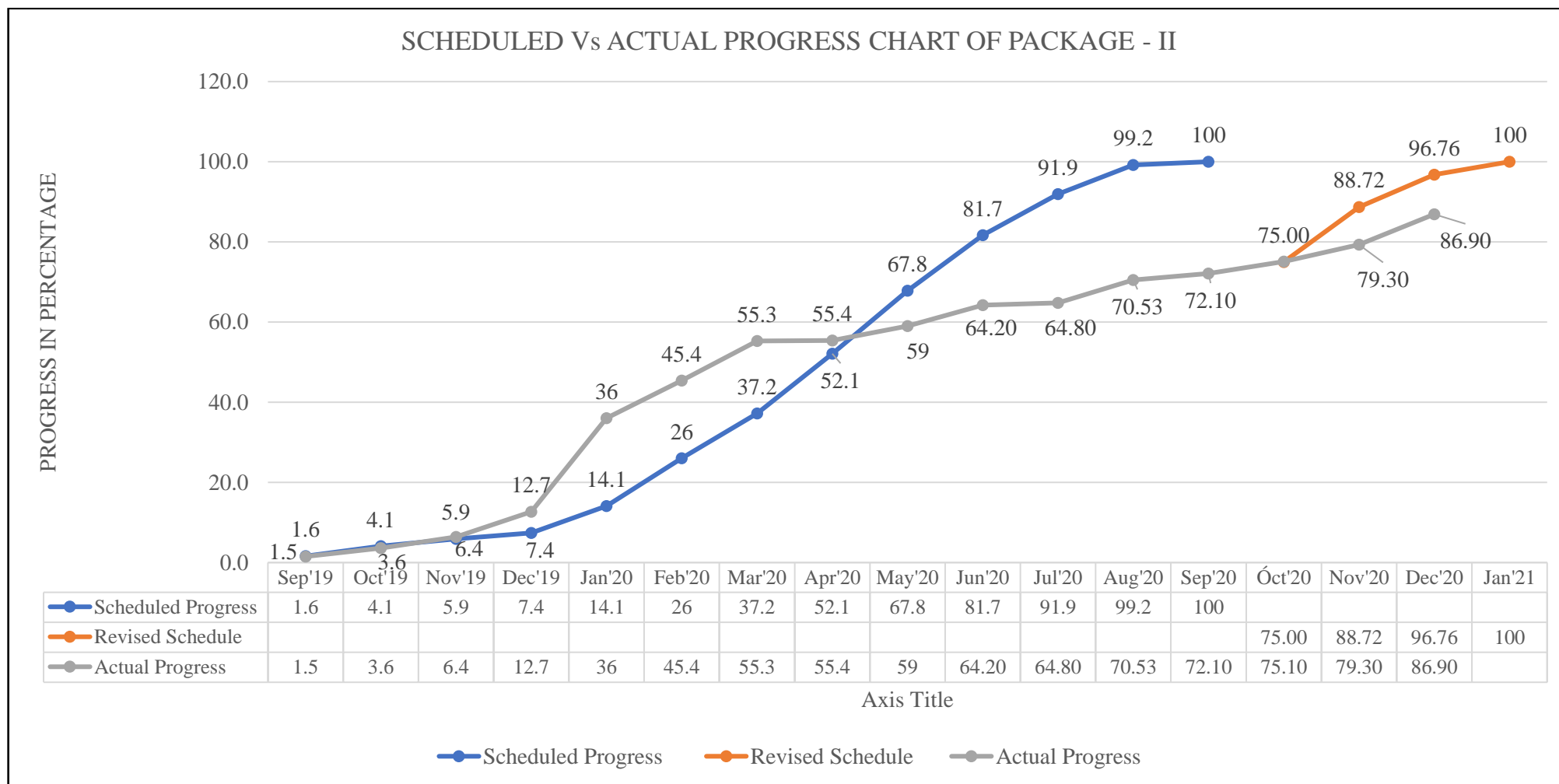
### 7.2.2 Procurement & Supply status



### 7.2.3 Construction, Erection & Commissioning status



## 7.2.4 Overall Package-II Progress



## 7.2.5 Physical Activities in December month

NEW CONSTRUCTION (Civil)			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – II			
GAUGHAT MPS			
1.	PLC building	01 No.	<ul style="list-style-type: none"> <li>PLC room completed.</li> <li>Painting work in progress.</li> <li>Pump replacement work under progress</li> </ul>
RAJAPUR STP			
2.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> <li>1<sup>st</sup> Slab casting done.</li> <li>Roof top steel binding under progress</li> </ul>
3.	Battery Room	01 No.	<ul style="list-style-type: none"> <li>Roof slab casting completed.</li> <li>Brick work completed.</li> <li>Cable trench work in progress.</li> </ul>
NAINI-I STP			
4.	Chachar Nalla SPS PLC Room	01 No.	<ul style="list-style-type: none"> <li>Casting up to plint beam completed.</li> <li>Casting of column above plinth beam &amp; brick work completed</li> <li>Plaster work under progress.</li> </ul>
5.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> <li>Footing excavation completed.</li> <li>PCC work completed.</li> <li>Casting up to plinth beam completed.</li> <li>Column upto 1st floor slab completed</li> </ul>
6.	SCADA Room	01 No.	<ul style="list-style-type: none"> <li>Footing excavation work completed.</li> <li>PCC &amp; RCC work of footing completed.</li> <li>Column up to Roof, lintel beam brick works up to Roof completed.</li> </ul>
7.	Transformer foundation	01 No.	<ul style="list-style-type: none"> <li>Foundation work completed.</li> <li>Fire wall shuttering &amp; reinforcement work In-progress</li> </ul>
8.	DG Foundation	02 No.	<ul style="list-style-type: none"> <li>Foundation work Completed.</li> <li>Shed construction in progress.</li> </ul>
9.	Absorption Shed	01 No.	<ul style="list-style-type: none"> <li>Foundation work completed</li> </ul>
10.	Wet Mix filter	01 No	<ul style="list-style-type: none"> <li>Casting up to plint beam completed.</li> <li>Roof slab reinforcement work completed.</li> <li>Brick work in progress</li> </ul>
11.	Compressor Room	01 No	<ul style="list-style-type: none"> <li>Casting up to plinth beam completed.</li> <li>Column casting above plint beam in progress.</li> <li>Brick work completed</li> </ul>

			<ul style="list-style-type: none"> <li>Plaster work in progress</li> </ul>
12.	Digester sludge sump	01 No.	<ul style="list-style-type: none"> <li>Excavation work in progress</li> </ul>
13.	Sludge digester	03 No.	<ul style="list-style-type: none"> <li>Cleaning work in progress</li> </ul>
<b>REHABILITATION UNITS (Civil)</b>			
<b>NAINI – I STP</b>			
1.	Sludge digester	01 No.	<ul style="list-style-type: none"> <li>Digester cleaning work under progress.</li> </ul>
2.	Grit Chamber	01 No.	<ul style="list-style-type: none"> <li>Rehabilitation work completed</li> </ul>
3.	Scrubber Unit (Gas Area)	01 No.	<ul style="list-style-type: none"> <li>Dismantling is completed.</li> </ul>
4.	Compressor Room	01 No.	<ul style="list-style-type: none"> <li>Dismantling is completed.</li> </ul>
5.	DFG Set	01 No.	<ul style="list-style-type: none"> <li>Dismantling is in progress</li> </ul>
6.	Primary Clarifier	01 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is progress.</li> </ul>
7.	Secondary Clarifier	01 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is progress.</li> </ul>
8.	Aeration Tank	02 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is progress.</li> </ul>
<b>RAJAPUR STP</b>			
1.	MEP building	01 No.	<ul style="list-style-type: none"> <li>Repairing work of floor for MEP building is completed &amp; Panel installation is completed.</li> </ul>
2.	UASB	02 No.	<ul style="list-style-type: none"> <li>Cleaning work of UASB is in progress.</li> </ul>
3.	SPS	01 No.	<ul style="list-style-type: none"> <li>Pump replacement work is in progress.</li> </ul>
4.	Bund	01 No.	<ul style="list-style-type: none"> <li>Repairing of Bund is completed.</li> </ul>
5.	Solar Panel	01 No.	<ul style="list-style-type: none"> <li>Installation of Solar panel work under progress.</li> </ul>

<b>NAINI-I STP &amp; ASSOCIATE INFRASTRUCTURE</b>		
<b>REHABILITATION UNITS (Mechanical)</b>		
<b>S. No.</b>	<b>Structure / Equipment details</b>	<b>Status</b>
1.	Installation of flowmeter – 1 No. in New Inlet line of Naini - I STP from Gaughat MPS	Work in progress
2.	Installation of flowmeter – 1 No. in Old Inlet line of Naini - I STP from Gaughat MPS	Work in progress
3.	Installation of flowmeter in Bypass line of Naini - I STP	Flowmeter is dispatched from the manufacturing plant but not received yet at site
4.	Replacement of Sluice gates - 4 Nos at Inlet of TEPH sump of Naini – I STP	1) Erection of new gates is completed. 2) Operation of new gates needs to be checked.

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
5.	Replacement of PMCC panel in Naini-I STP	1) Erection of new electrical panel is completed. 2) Testing of panel is completed & it is charged. 3) Connection of cables for field equipment's is in progress.
6.	Cleaning of Chlorine Contact Tank in Naini-I STP	1) Cleaning of CCT is in progress. 2) Fitting of tiles at outlet point is in progress.
7.	Installation of flowmeter in Effluent Bypass of Naini - I STP	1) Installation of new pipes is completed. 2) Installation of flowmeter is completed. 3) Level checking for flowmeter was done & it was found that level at outlet point was 25mm below level of topmost point of flow meter, Hence it was suggested to weld a plate of 50mm at least to resolve the issue. 4) RCC flooring must be done at the point where effluent will fall at ground level for preventing soil erosion.
8.	Installation of Parshall Flume in Naini - I STP	Installation of Parshall flume will be done in Rajapur STP as electromagnetic flowmeter will be installed in place of ultrasonic flowmeter in Naini - I STP.
9.	Replacement of Manual Screen with Mechanical Fine Screen - 1	1) Construction of Civil platform is completed. 2) Erection of new screen is not started yet.
10.	Replacement of Manual Screen with Mechanical Fine Screen - 2	1) Construction of Civil platform is completed. 2) Erection of new screen/compactor is completed. 3) Electrical connections are in progress. 4) Installation of local control panel is in progress.
11.	Replacement of Manual Screen with Mechanical Fine Screen - 3	1) Construction of Civil platform is completed. 2) Erection of new screen/compactor is completed. 3) Electrical connections are in progress. 4) Installation of local control panel is in progress.
12.	Rehabilitation works for Grit Removal Unit - 1	1) Erection work for scrapper is completed. 2) Erection of rake classifier is completed. 3) Commissioning work is under progress.
13.	Rehabilitation works for Grit Removal Unit - 2	1) Erection work for scrapper is completed. 2) Erection of rake classifier is completed. 3) Commissioning work is completed. 4) Gap between floor & plates of rake classifier were found as 30-40mm. This must be maintained around 10-15mm.
14.	Rehabilitation works for Grit Removal Unit - 3	1) Erection & commissioning work is completed. 2) Extension of bottom rod for new deflectors is required but as per Concessionaire, if required, it will be done during operations, at own risk & cost.
15.	Rehabilitation works for Grit Removal Unit - 4 (20 MLD)	1) Cleaning work is completed. 2) Overhauling work is under progress.
16.	Replacement of Electrical Panel for Grit cum PST	1) Erection of new electrical panel is completed. 2) Testing of panel is completed & it is charged. 3) Connection of cables for field equipment's is in progress.



NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
17.	Rehabilitation works for PST - 1	1) Erection of new structure is completed. 2) Commissioning work is under progress. 3) Counter weights must be installed properly. 4) At the time of inspection, level difference in both scrapper arms was around 60mm, this must be rectified & inspection call must be raised. 5) Gap between scrapper blades & floor is checked, & it was varying from 10 to 120mm. This must be rectified & should be maintained around 20 - 30mm. 6) Opening of drain line must be checked. 7) Tightening of all nut/bolts must be checked. 8) Maintenance of telescopic valve is required.
18.	Rehabilitation works for PST - 2	1) Erection of new structure is completed. 2) Commissioning work is under progress. 3) Installation of Scum removal system is incomplete. 4) Opening of drain line must be checked. 5) Gap between scrapper blades & floor is checked, & it was varying from 10 to 50mm. 6) Tightening of all nut/bolts must be checked. 7) Maintenance of telescopic valve is required.
19.	Rehabilitation works for PST - 3	1) Cleaning work is completed. 2) Erection of new structure is in progress. 3) Maintenance of telescopic valve is required.
20.	Rehabilitation works for PST - 4 (20 MLD)	1) Cleaning work is completed. 2) Overhauling work is in progress.
21.	Replacement of Valves for Drain line of PST - 4 Nos	1) Valves are available at site. 2) Replacement of valves is in progress.
22.	Rehabilitation works for Aeration Tank no. 1	1) Erection of new Surface Aerators is completed. 2) Modification for all aerators is completed & all were checked in running condition. Everything was found satisfactory but final condition can be seen in full load condition only. 3) Similarly, modifications for remaining two aerators is completed & it must be checked in running condition before taking the tank in operation. 4) Fitting of cable glands for all motors is required. 5) Time gap between star & delta was found to be around 2-3 sec and it will have to be increased to at least 10 secas ideal conditions.
23.	Rehabilitation works for Aeration Tank no. 2	Dewatering of structure is not started yet.
24.	Rehabilitation works for Aeration Tank no. 3	Dewatering of structure is not started yet.
25.	Replacement of Diffusers along with Air grid pipeline for Aeration Tank - 4 (20 MLD)	1) Cleaning work is completed. 2) Air grid pipe laying work is in progress. Diffuser fitting work is in progress. 3) Piping work for header line is in progress. 4) Piping for purge system is in progress.

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
26.	Replacement of Aeration Blowers for Aeration Tank of 20 MLD	1) Dismantling of one blower is completed but no rehab work is in progress currently. 2) New Air Blowers are not available at site. 3) No work is in progress.
27.	Rehabilitation works for FST - 1	1) Erection of new structure is completed. 2) Commissioning work is completed 3) Gap between scrapper blades & floor is checked, & it was varying from 10 to 60mm. 4) Opening of drain line must be checked. 5) Tightening of all nut/bolts must be checked.
28.	Rehabilitation works for FST - 2	1) Erection of new structure is completed. 2) Commissioning work is completed. 3) At the time of inspection, level difference in both scrapper arms was checked & found OK. 4) Gap between scrapper blades & floor is checked, & it was varying from 10 to 120mm. This must be rectified & should be maintained around 20 - 30mm. 5) Opening of drain line must be checked. 6) Tightening of all nut/bolts must be checked.
29.	Rehabilitation works for FST - 3	1) Cleaning work is completed. 2) Erection work is in progress.
30.	Rehabilitation works for FST - 4 (20 MLD)	Dewatering/cleaning work is in progress.
31.	Replacement of Valves for Drain line of FST - 4 Nos	1) Valves are available at site. 2) Replacement of valves is in progress.
32.	Replacement of Electrical Panel for Return Sludge cum FST	1) Old panel is removed. 2) Erection of new panel is completed. 3) Cable connection work is in progress. 3) This work is required to be completed before the end of shutdown due to process requirement.
33.	Rehabilitation works for Return Sludge Pumps (60 MLD)	1) Replacement of suction valves is completed. 2) Dismantling of one pump is done. 3) Pumps are available at site.
34.	Rehabilitation works for Thickener - 1	1) Installation of scrapper drive is not complete. 2) Work for inlet line of thickener is not complete. 3) Concessionaire has to resolve the observations given by UPJN/PE and raise inspection call. 4) Currently, thickener is filled with water and it must be emptied for doing inspection. 5) All the works must be completed and thickener must be taken into operation as soon as sewage is taken into the STP.
35.	Rehabilitation works for Thickener - 2	Dewatering of structure is not started yet.
36.	Rehabilitation Works for Sludge Pumps of Thickener	1) Civil modification work is started. 2) E&M work is not started yet. 3) Concessionaire is required to expedite the work.

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
37.	Erection & Commissioning of Valves in Inlet line of Thickener	1) Excavation work for one thickener is completed & it is in progress for other thickener. 2) Valve installation for one thickener is completed & it is in progress for other thickener.
38.	Replacement of Valves for Drain line of Thickener -2 Nos	Valves are available at site but work is not started yet.
39.	Replacement of Electrical Panel for Digester cum Thickener	1) Erection of new panel is completed. 2) Cable connection work is in progress. 3) Commissioning work is in progress.
40.	Rehabilitation works for HNC pumps of Naini Area in TEPH	1) HNC pumps are available but some valves are not available at site. 2) Concessionaire is also required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE. 3) Dismantling of 3 pumps is completed. 4) Modification work for foundation of pumps is in progress. 5) No work progress in last 7 days.
41.	Rehabilitation works for HNC pumps of Naini Area in TEPH	1) HNC pumps are available but some valves are not available at site. 2) Concessionaire is also required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE. 3) Dismantling of 1 pump is completed. 4) Modification work for foundation of pumps is in progress. 5) No work progress in last seven days.
42.	Replacement of Electrical Panel for TEPH	Gate has been removed & opening has been enlarged for removing old electrical panel.
43.	Replacement of Electrical Panel for DGs	1) New panel is commissioned & it is shifted to new position on Gas engine room. 2) Commissioning work is completed.
44.	Replacement of HT Panel	1) Erection of new panel is completed but as per current discussion for maintain proper gap around the panel, orientation must be changed by 90 degree. 2) Modification required in trench also. 3) No work progress in last 7 days.
45.	Erection & Commissioning of New Transformers	1) Erection work is completed. 2) Concessionaire is required to complete levelling, commissioning, testing & raise inspection call. 3) No work progress in last 7 days. 4) Civil work is in progress.

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
46.	Erection & Commissioning of New DGs	1) Erection work is completed. 2) Erection work for chimney is pending. 3) Fuel tank installation is completed but its connection to DGs is not done. 4) Concessionaire is required to complete levelling, commissioning, testing & raise inspection call. 5) No work progress in last 7 days.
47.	Rehabilitation Works for Chlorination System	1) Installation of new system is completed. 2) Commissioning is in progress. 3) All the works must be completed, and the unit must be taken into operation as soon as sewage is taken into the STP.
48.	Erection & Commissioning of Leak Absorption System	Civil work is in progress
49.	Erection & Commissioning of Sludge Dewatering System	1) Civil work is in progress. 2) Work progress is very slow, concessionaire is required to expedite the work.
50.	Rehabilitation Works for Filtrate Pumps	1) Replacement of suction valves, discharge valves, NRVs & at least two pumps must be completed before the end of shutdown. 2) Dismantling work is not started yet. 3) No work progress in last 7 days.
51.	Installation of flowmeter in Header line of HNC pumps for Dandi Area in TEPH	1) Excavation work is completed. 2) Flowmeter is available at site & pipe of 800mm dia is procured. Concessionaire to please expedite the work. 3) Fabrication of new spool pieces is not started yet.
52.	Installation of flowmeter in Inlet line of Thickener from Blending Tank	1) Excavation work for one thickener is completed & it is in progress for other thickener. 2) Flowmeter installation for one thickener is completed & it is in progress for other thickener.
53.	Installation of flowmeter in Header line of Submersible pumps from Thickener to Digester	Flowmeter is not available at site.
54.	Installation of flowmeter in Return Sludge Line from RSPH of 60 MLD	1) Excavation work is completed. 2) Installation work is on progress.
55.	Installation of flowmeter in Return Sludge Line from RSPH of 20 MLD	1) Excavation work is completed. 2) Installation work is on progress.
56.	Erection & Commissioning of Online Instruments	1) Erection of online analyzers is started. 2) Instruments are available at site but C&I cables are not available at site. 3) No work progress in 7 days.
57.	Erection & Commissioning of PLC panels	1) Erection work is not started yet. 2) Instruments are available at site but C&I cables are not available at site

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
58.	Erection & Commissioning of SCADA System	1) Erection work is not started yet. 2) Instruments are available at site but C&I cables are not available at site
59.	Installation of flowmeter in new header line of Gaughat MPS	Excavation work is not started yet.
60.	Replacement of HNC pumps - 2 Nos	1) Dismantling of one pumps is completed. 2) Concessionaire is required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE. 3) It was also decided that till the design issues are not resolved, one new pump must be installed in vacant space for 5th pump. 3) No work progress in last 7 days.
61.	Replacement of HNC pumps - 2 Nos	Concessionaire is required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE.
62.	Replacement of Submersible pumps - 3 nos	1) Replacement work of pumps is not started yet. 2) Installation of Soft Starter panel is in progress.
63.	Replacement of Mechanical Screen - 2 Nos	1) Erection of new mechanical screens is completed. 2) Commissioning work is in progress.
64.	Replacement of Electrical Panel for DGs	Erection of new panel is completed but commissioning work is not completed yet.
65.	Cleaning of Receiving Chamber for HNC pumps	1) Dewatering of structure is completed. 2) Cleaning of sump is not started yet.
66.	Cleaning of Receiving Chamber for Submersible pumps	1) Dewatering of structure is completed. 2) Cleaning work is in progress.
67.	Erection & Commissioning of PLC panels	1) Installation work is not started yet. 2) Construction of PLC room is in completed. 3) Instruments are available at site but C&I cables are not available at site 4) No work progress in last 7 days.
68.	Overhauling of Mechanical Screens	Overhauling work is in progress.
69.	Installation of flowmeter - 600mm in header line of VNC pumps in Chacharnalla SPS	Installation work is completed.
70.	Installation of flowmeter - 400mm in header line of VNC pumps in Chacharnalla SPS	1) As per information, flowmeter will not be replaced because is old flowmeter is OK for operation. 2)Overhauling/calibration of old flowmeter is not completed yet.

NAINI-I STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
71.	Erection of Manual Screens at tapping points in Chacharnalla SPS	1) Cleaning work is in progress. 2) One screen before sump of mechanical screens is replaced. 3) One screen inside receiving chamber is completed. As discussed, additional SS strips are also welded to reduce the gaping to 25mm. 4) One screen before sump of manual screen s installed and its fixing work is in progress.
72.	Replacement of Big VNC pumps in Chacharnalla SPS	1) Dismantling of one pump is completed. Modification work for foundation is in progress. 2) Concessionaire is also required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE.
73.	Replacement of MCC panel at Chacharnalla SPS	1) Erection of new electrical panel is completed. 2) Testing of panel is completed & it is charged. 3) Connection of cables for field equipment's is in progress.
74.	Cleaning of Receiving Chamber at Chacharnalla SPS	1) Dewatering of structure is completed. 2) Cleaning work is in progress.
75.	Erection & Commissioning of PLC panels	1) Erection work is not started yet. 2) Construction of PLC room is in progress. 3) Instruments are available at site but C&I cables are not available at site. 4) No work progress in last 7 days.

RAJAPUR STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
1.	Repairing of Parshall flume after PTU & installation of Ultrasonic flowmeter.	1) Flowmeter is available, but C&I cables are not available. 2) Installation of flowmeter is in progress.
2.	Installation of flowmeter in Outlet of Rajapur STP	1) Flowmeter is available but C&I cables are not available. 2) Installation work for flowmeter is not started yet. 3) Installation of Parshall Flume is completed. 4) Painting of MS structure is completed but it is recommended to do PU coating for better protection.
3.	Cleaning of Chlorine Contact Tank in Rajapur STP	Cleaning work is completed.
4.	Overhauling of Mechanical Screens at PTU	Mechanical Screen is checked in running condition and found OK.
5.	Rehabilitation works for Grit Removal Unit - 1 & 2	1) Cleaning work is complete, overhauling & painting work is completed. 2) Replacement of rubber is completed. 3) Overhauling of deflectors is completed. 4) Gap for rake classifier must be maintained around 10-15mm.



RAJAPUR STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
6.	Rehabilitation work for Sluice Gates at PTU	Overhauling work is completed
7.	Rehabilitation works for UASB - 1	Dewatering of structure is not started yet.
8.	Rehabilitation works for UASB - 2	Dewatering of structure is not started yet.
9.	Rehabilitation works for Aeration Tank no. 1	1) As informed, current plan is to replace 3 Surface Aerators only in place of total 15. It is strongly suggested to replace all 15 Surface Aerators so that maximum efficiency of treatment can be achieved, and desired level of Dissolved Oxygen can be maintained in the outlet of Aeration Tank. 2) Erection of one Surface Aerator is completed only. 3) Cleaning of Aeration tank is not started yet.
10.	Rehabilitation works for Quiescent Zone	1) Dewatering of structure is completed but cleaning work is not started yet. 2) As informed, current plan is to avoid cleaning of Quiescent Zone do it at some afterwards due to time constraints. In current situation also we can see that the dead sludge which is deposited in Quiescent Zone over the years is coming out along with the treated water resulting in higher TSS & low DO hence It is strongly suggested to complete the cleaning of Quiescent Zone to increase the treatment efficiency of the plant.
11.	Rehabilitation works in MEP Room	1) Floor restoration work is completed. 2) Increase in height of Electrical Panels is completed. 3) No permanent arrangement is being made for safe approach to the electrical panel at increased height which is very dangerous and violates all safety norms. Concessionaire is required to look into the matter & do the needful at the earliest.
12.	Rehabilitation works in Metering Room	1) Floor restoration work is completed. 2) Increase in height of Electrical Panels is completed. 3) No permanent arrangement is being made for safe approach to the electrical panel at increased height which is very dangerous and violates all safety norms. Concessionaire is required to look into the matter & do the needful at the earliest.
13.	Cleaning of Sludge Drying Beds	Cleaning of Sludge drying beds is not started yet. Currently, 6 sludge drying beds are empty.
14.	Increase in height of foundation for DGs	1) Modification work for increasing the height of the DG foundations is completed but the size of foundation was small as compared to the size of DG foundation. Hence, the modification work was done by using bricks which must be checked by operating the DGs.
15.	Rehabilitation works for Gas Handling System	No work is started for the system. Concessionaire to please expedite the work as this system is part of the



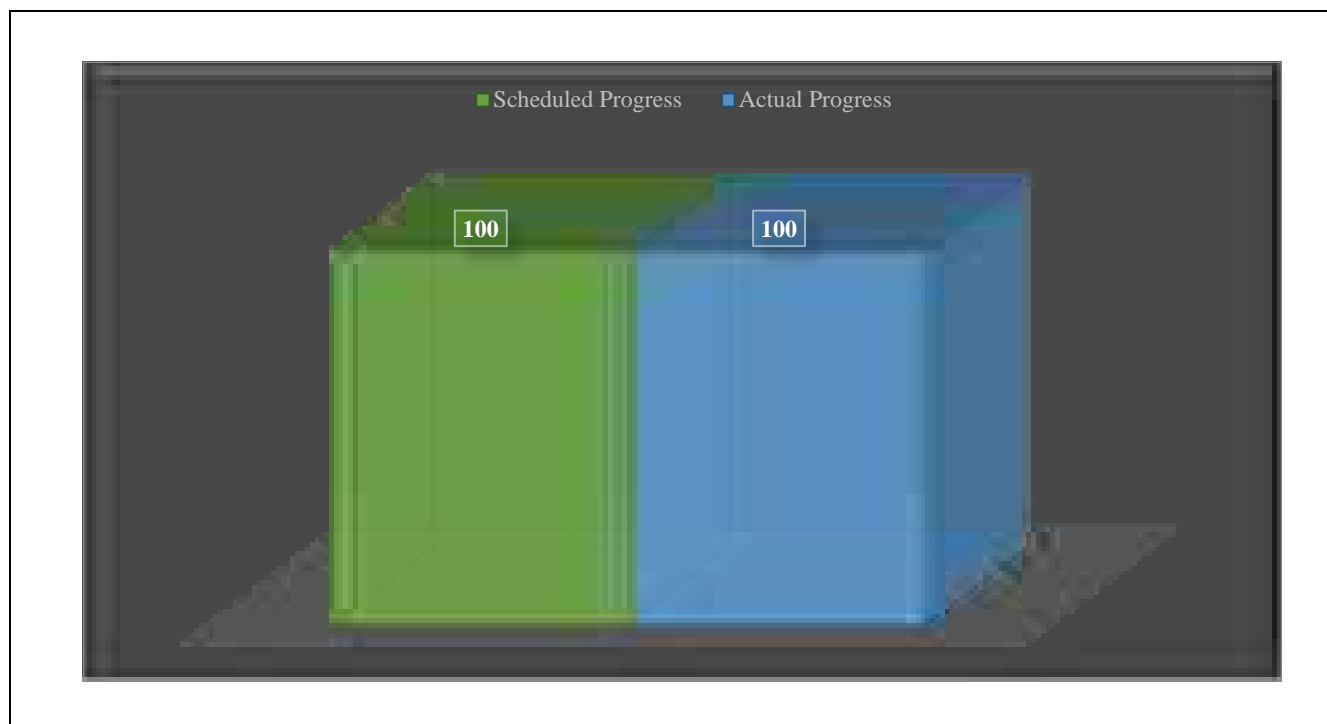
RAJAPUR STP & ASSOCIATE INFRASTRUCTURE		
REHABILITATION UNITS (Mechanical)		
S. No.	Structure / Equipment details	Status
		process must be made functional before the end of Rehabilitation period.
16.	Rehabilitation works for Sludge Handling System	No work is started for the system.
17.	Rehabilitation works of Chlorination system.	1) Erection of new booster pumps and piping work is complete. 2) Testing of chlorination system is pending.
18.	Erection & Commissioning of Sludge Dewatering System	1) Civil work for the unit is not completed yet. 2) E&M work is not started yet.
19.	Erection & Commissioning of Online Instruments	1) Erection of online instruments is started but cable laying work is not started yet. 2) Cable trench excavation work is in progress 3) Instruments are available at site but C&I cables are not available at site. 4) Work progress is very slow.
20.	Erection & Commissioning of PLC panels	Instruments are available at site but C&I cables are not available at site
21.	Erection & Commissioning of SCADA System	Instruments are available at site but C&I cables are not available at site
22.	Installation of flowmeter in Bypass line of STP	Flowmeter is not available at site
23.	Replacement of Submersible pumps - 6 Nos.	1) Replacement of 5 no. submersible pumps is completed.
24.	Overhauling of Mechanical Screen	Overhauling work is completed
25.	Cleaning of Receiving Chamber	Cleaning of sump is completed.
26.	Overhauling of sluice gates	1) Overhauling work is completed. 2) Repairing work is in progress.
27.	Overhauling of Mechanical Screen	Overhauling work is in progress.
28.	Replacement of HNC pumps along with cables.	1) Dismantling of one pump is completed. 2) Modification in foundation of one pump is in progress. 3) Replacement of header line is in progress.
29.	Replacement of suction valves, discharge valves & NRVs	1) Replacement of suction valves is completed. 2) Replacement of discharge valves and pump common header are started. 3) Concessionaire is also required to resolve the design issues of Valves & pumps as per observations given by UPJN/PE.
30.	Rehabilitation works of MCC panel	No rehabilitation work is started & complete material is not present at site.
31.	Erection & Commissioning of PLC panels	1) Panel erection work is not started yet. 2) Instruments are available at site, but C&I cables are not available at site
32.	Cleaning of Receiving Chamber	Cleaning of sump is completed.

## 7.2.6 Physical Activities status as per Rehabilitation plan:

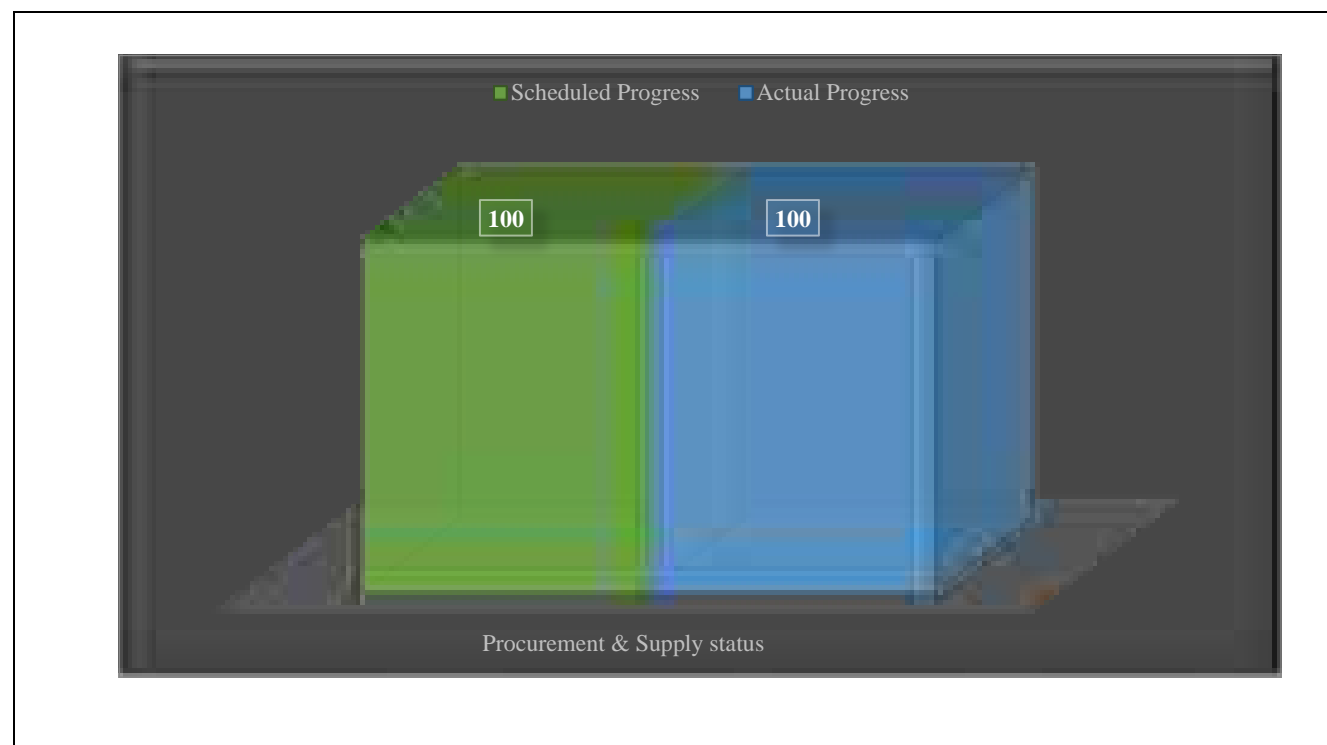
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled completion (In %)	Completion upto Previous Month (In %) (A)	This month Completion (In %) (B)	Total Completion (In %) (A+B)
<b>Naini-I STP &amp; Associated Infrastructure &amp; Rajapur STP &amp; Associated Infrastructure</b>						
<b>Civil Work</b>						
Civil Work in Plant, MPS, SPS	1-sept-20	24-Jan-21	100	40	10	50
Building Work	1-sept-20	24-Jan-21	100	50	20	70
Office Work	1-sept-20	24-Jan-21	100	100	0	100
<b>Mechanical Work</b>						
Pumps, Blowers, Diffusers	1-Nov-20	24-Jan-21	100	15	55	70
Pipes, Valves, Gates, Screens	1-Nov-20	24-Jan-21	100	11	49	60
Sludge Dewatering System	1-Nov-20	24-Jan-21	100	0	0	0
Grit Removal System	20-Oct-20	24-Jan-21	100	38	12	50
Biogas Engine with Scrubber and Gas Mixing System	1-Nov-20	24-Jan-21	100	8	7	15
Chlorination System	1-Nov-20	24-Jan-21	100	0	80	80
<b>Electrical &amp; C&amp;I Work</b>						
PLC	1-Nov-20	24-Jan-21	100	0	31	31
Field Instruments (Gauges)	1-Nov-20	24-Jan-21	100	0	0	0
Level Transmitters	1-Nov-20	24-Jan-21	100	0	0	0
Analyzers	1-Nov-20	24-Jan-21	100	0	70	70
Cable Traying laying	1-Nov-20	24-Jan-21	100	0	40	40
Cable Laying, Termination and Glanding	1-Nov-20	24-Jan-21	100	8	22	30
<b>Commissioning / Trial Run</b>	25-Jan-21	31-Jan-21	100	0	0	0
<b>Final Inspection by Client</b>	25-Jan-21	30-Jan-21	100	0	0	0
<b>COD</b>	31-Jan-21	31-Jan-21	100	0	0	0

## 7.3 Package-III status

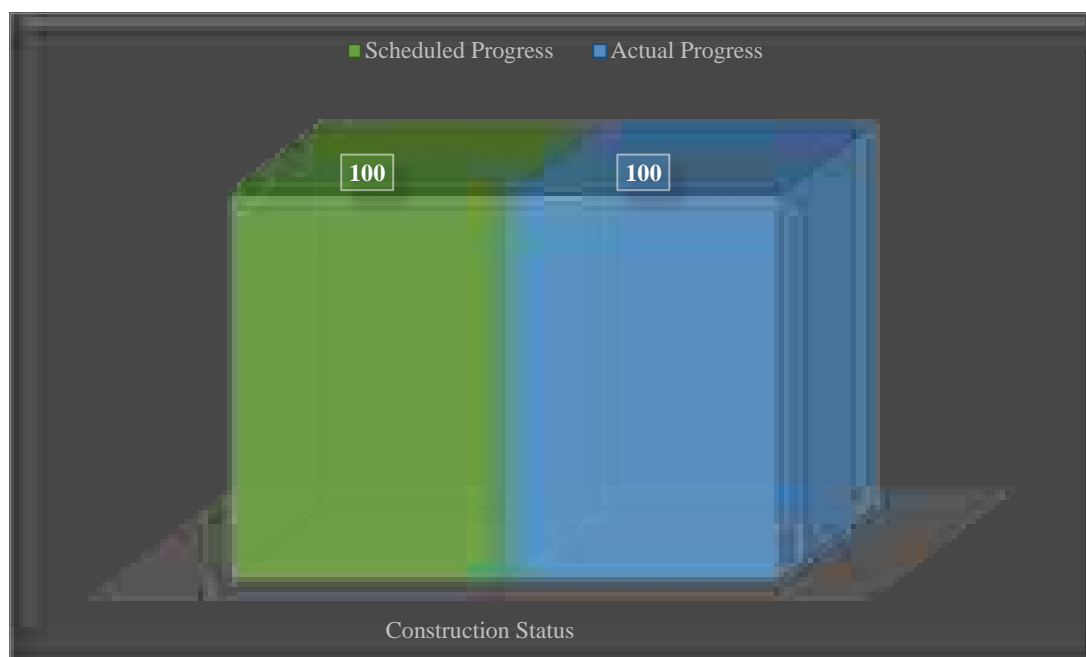
### 7.3.1. Engineering status



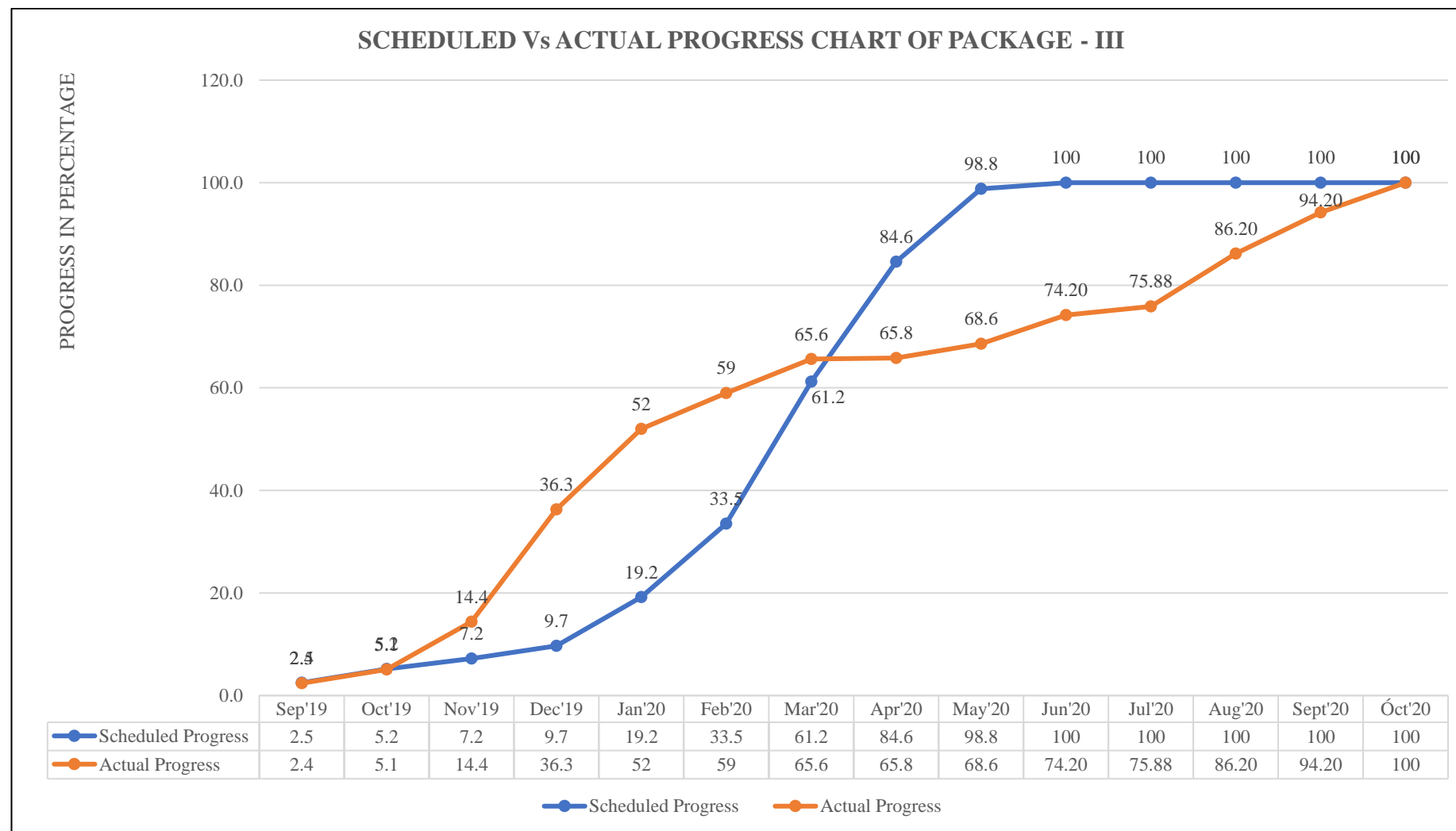
### 7.3.2 Procurement & Supply status



### 7.3.3 Construction, Erection & Commissioning status



### 7.3.4 Overall Package-III Progress



### 7.3.5 Physical Activities status

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
<b>PACKAGE – III</b>			
<b>SALORI STP</b>			
1.	PLC building	01 No.	Completed
2.	Chlorination room	01 No.	Completed
3.	Sludge Dewatering Building	01 No.	Completed
4.	Absorption Shed	01 No.	Completed
5.	FeCl <sub>3</sub> dosing house Shed	01 No.	Completed
6.	Store Room	01 No.	Completed
<b>LUKARGANJ SPS</b>			
1.	PLC Room	01 No.	Completed
<b>PONGHAT STP</b>			
2.	PLC Room	01 No.	Completed
<b>REHABILITATION UNITS</b>			
<b>NUMAYADAHI STP</b>			
1.	Bio tower	03 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	03No.	Completed
4.	Blower	04 No	Completed
5.	PLC	01 No.	Completed
6.	Chlorine Room	02 No.	Completed
7.	SCADA	01 No.	Completed
8.	Solar Panel	01 Lot	Completed
9.	Grit classifier	02 No.	Completed
10.	Online Monitoring System	01 Unit	Completed
11.	Erection of Handrail/Chequered Plate.	01 Unit.	Completed
12.	Level Transmitter at Sump.	01 Unit.	Completed
<b>KODRA STP</b>			
1.	Bio tower	02 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	01 No.	Completed
4.	SCADA	01 No.	Completed
5.	PLC	01 No.	Completed
6.	Blower	03 No.	Completed
7.	Solar System	01 Lot	Completed
8.	VFD & SD Panel	01 No.	Completed
9.	Grit classifier	02 No.	Completed
10.	Thickener	01 No.	Completed
11.	Secondary Sludge Sump	01 No.	Completed
12.	Level Transmitter at Sump.	01 No.	Completed
13.	Online monitoring System.	01 No.	Completed

PONGHAT STP			
1.	Bio tower	02 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	01 No.	Completed
4.	Blower	03 No.	Completed
5.	VFD & SD Panel	01 No.	Completed
6.	PLC panel	01 No.	Completed
7.	SCADA	01 No.	Completed
8.	Solar Panel	01 No.	Completed
9.	Grit classifier	02 No.	Completed
10.	Online Monitoring System	01 Unit	Completed
11.	Level Transmitter at Sump	01 Unit	Completed
12.	MPS	01 Unit	Completed
13.	Thickener	01 Unit	Completed
SALORI STP			
1.	FAB reactor	02 No	Completed
2.	Grit classifier	01 No	Completed
3.	Clarissettler	02 No	Completed
4.	Dewatering Feed Pump.	01 No	Completed
5.	Chlorine Unit.	01 No	Completed
6.	Absorption System	01 No	Completed
7.	LV panel	01 No	Completed
8.	Solar Panel	01 No	Completed
9.	Blower	03 No.	Completed
10.	Level Transmitter at Sump	01 Unit	Completed
11.	Secondary Sludge Pump	01 Unit	Completed
12.	Strengthening & surface coating of steel structure.	01 Unit	Completed
13.	Online Monitoring System	01 Unit	Completed
14.	MPS	01 Nos.	Completed

### 7.3.6 Physical Activities status as per Rehabilitation plan:

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion upto previous month (In %) (A)	This month Completion (In %) (B)	Total completion (In %) (A+B)
<b>Numayadahi, Kodra, Ponghat &amp; Salori STP &amp; Associated Infrastructure</b>						
<b>Civil Work</b>						
Civil Work in Plant, MPS, SPS	23-03-20	17-10-20	100	95	5	100
Building Work	22-03-20	17-10-20	100	95	5	100
Office Work	26-03-20	17-10-20	100	95	5	100
<b>Mechanical Work</b>						
Pumps, Blowers, Diffusers	13-03-20	17-10-20	100	95	5	100
Pipes, Valves, Gates, Screens	18-03-20	17-10-20	100	95	5	100
Sludge Dewatering System	18-05-20	17-10-20	100	95	5	100
Grit Removal System	13-05-20	17-10-20	100	90	10	100
Media	05-03-20	17-10-20	100	95	5	100
Chlorination System	18-05-20	17-10-20	100	90	10	100
<b>Electrical &amp; C&amp;I</b>						
PLC	20-03-20	17-10-20	100	95	5	100
Field Instruments (Gauges)	20-03-20	17-10-20	100	90	10	100
Level Transmitters	20-03-20	17-10-20	100	90	10	100
Analyzers	20-03-20	17-10-20	100	95	5	100
Cable Traying laying	20-03-20	17-10-20	100	95	5	100
Cable Laying, Termination and Glanding	30-03-20	17-10-20	100	95	5	100
<b>Commissioning / Trial Run</b>	17-10-20	24-10-20	100	90	10	100
<b>Final Inspection by Client</b>	25-10-20	31-10-20	100	90	10	100
<b>COD</b>	31-10-20	31-10-20	100	90	10	100



## 8. Meetings, Discussions and Site Visits:

Regular progress review meetings are being held at UPJN office & sites. Following meetings were held during the month of December' 2020

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
1.	Site visit of Phaphamau STP	2-Dec-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
2.	Site visit of Jhunsi STP	2-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
3.	Site visit of Naini-II STP	2-Dec-2020	Team Leader - AECOM	Inspection Regarding ongoing Civil activities
4.	Site visit of Phaphamau STP	3-Dec-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
5.	Site visit of Jhunsi STP	3-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
6.	Site visit of Phaphamau STP	4-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
7.	Site visit of Jhunsi STP	4-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
8.	Meeting with PM (E&M)	4-Dec-2020	Support Mechanical Engineer (II) – AECOM Operation & Maintenance Engineer -II – AECOM	Regarding ongoing activities in Naini-I and Rajapur STP during shutdown period
9.	Site visit of Phaphamau STP	5-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
10.	Site visit of Jhunsi STP	5-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
11.	Site visit of Naini-I STP	5-Dec-2020	Support Mechanical Engineer (II) - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing E&M activities
12.	Site visit of Phaphamau STP	7-Dec-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
13.	Site visit of Jhunsi STP	7-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
14.	Site visit of Naini-II STP	7-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
15.	Site visit of Naini - I STP & Associated Infrastructure, Package II – Reg	8-Dec-2020	Support Mechanical Engineer (II) - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing E&M activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
16.	Site visit of Phaphamau STP	8-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
17.	Site visit of Jhunsi STP	8-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
18.	Site visit of Phaphamau STP	9-Dec-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
19.	Site visit of Jhunsi STP	9-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
20.	Site visit of Naini-II STP	9-Dec-2020	Team Leader - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
21.	Site visit of Phaphamau STP	10-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
22.	Site visit of Jhunsi STP	10-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
23.	Site visit of Naini-II STP	10-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
24.	Site visit of Phaphamau STP	11-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
25.	Site visit of Jhunsi STP	11-Dec-2020	Team Leader - AECOM Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
26.	Site visit of Naini-II STP	11-Dec-2020	Support Civil Engineer (IV) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
27.	Site visit of Phaphamau STP	12-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
28.	Site visit of Jhunsi STP	12-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
29.	Site visit of Naini-II STP	12-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
30.	Site visit of Phaphamau STP	14-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
31.	Site visit of Jhunsi STP	14-Dec-2020	Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
32.	Site visit of Naini-II STP	14-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
33.	Site visit of Naini-I STP	14-Dec-2020	Support Mechanical Engineer (II) - AECO	Inspection Regarding ongoing E&M activities
34.	Site visit of Phaphamau STP	15-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
35.	Site visit of Jhunsi STP	15-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
36.	Site visit of Naini-II STP	15-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
37.	Site visit of Phaphamau STP	16-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
38.	Site visit of Jhunsi STP	16-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
39.	Site visit of Naini-II STP	16-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
40.	Site visit of Naini-I STP	17-Dec-2020	Support Mechanical Engineer (II) - AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing E&M activities
41.	Site visit of Phaphamau STP	17-Dec-2020	Team Leader - AECOM Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
42.	Site visit of Jhunsi STP	17-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
43.	Site visit of Naini-II STP	17-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
44.	Site visit of Naini-I STP	18-Dec-2020	Support Mechanical Engineer (II) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing E&M activities
45.	Meeting with PM (E&M)	18-Dec-2020	Support Mechanical Engineer (II) – AECOM Operation & Maintenance Engineer -II – AECOM	Regarding ongoing activities in Naini-I and Rajapur STP during shutdown period
46.	Site visit of Phaphamau STP	18-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
47.	Site visit of Jhunsi STP	18-Dec-2020	Team Leader - AECOM Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
48.	Site visit of Naini-II STP	18-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
49.	Site visit of Phaphamau STP	19-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
50.	Site visit of Jhunsi STP	19-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
51.	Site visit of Naini-II STP	19-Dec-2020	Team Leader - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
52.	Site visit of Phaphamau STP	21-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
53.	Site visit of Jhunsi STP	21-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
54.	Site visit of Naini-II STP	21-Dec-2020	Team Leader - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
55.	Site visit of Naini-I STP	21-Dec-2020	Support Mechanical Engineer (II) – AECOM	Inspection Regarding ongoing E&M activities
56.	Site visit of Naini-I STP	22-Dec-2020	Support Mechanical Engineer (II) – AECOM	Inspection Regarding ongoing E&M activities
57.	Site visit of Phaphamau STP	22-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
58.	Site visit of Jhunsi STP	22-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
59.	Site visit of Naini-II STP	22-Dec-2020	Team Leader - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
60.	Meeting with G.M (UPJN)	22-Dec-2020	Support Mechanical Engineer (II) – AECOM Operation & Maintenance Engineer -II – AECOM Team Leader - AECOM	Regarding ongoing activities in Naini-I and Rajapur STP during shutdown period
61.	Site visit of Phaphamau STP	23-Dec-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
62.	Site visit of Jhunsi STP	23-Dec-2020	Team Leader - AECOM Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
63.	Site visit of Naini-II STP	23-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
64.	Site visit of Phaphamau STP	24-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
65.	Site visit of Jhunsi STP	24-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
66.	Meeting with G.M (UPJN)	24-Dec-2020	Operation & Maintenance Engineer -II – AECOM Team Leader - AECOM	Regarding ongoing activities in Naini-I and Rajapur STP during shutdown period
67.	Site visit of Naini-II STP	24-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
68.	Site visit of Phaphamau STP	28-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
69.	Site visit of Phaphamau STP	29-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
70.	Site visit of Jhunsi STP	29-Dec-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
71.	Site visit of Naini-II STP	29-Dec-2020	Team Leader - AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
72.	Site visit of Jhunsi STP	30-Dec-2020	Support Civil Engineer (III) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
73.	Site visit of Naini-II STP	30-Dec-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
74.	Meeting with P.M (E&M) (UPJN)	30-Dec-2020	Support Mechanical Engineer (II) – AECOM Operation & Maintenance Engineer -II – AECOM Team Leader - AECOM	Regarding ongoing activities in Naini-I and Rajapur STP during shutdown period
75.	Site visit of Phaphamau STP	30-Dec-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
76.	Site visit of Naini-I STP	31-Dec-2020	Sr. Electrical Engineer – AECOM	Inspection Regarding ongoing Civil activities

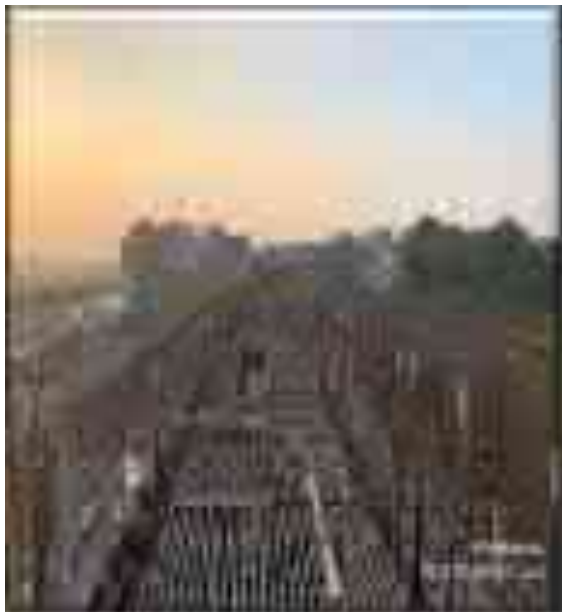




## 10. Photos of Meetings / Site Visits and Activities

### PACKAGE - I

#### PHAPHAMAU FACILITY



FCR tank - Lift wall concreting under progress



FCR tank – Lift wall curing under progress



Staff Quarter -Plinth beam reinforcement binding work under progress

## PHAPHAMAU FACILITY



**Staff Quarter -Base slab concreting under progress**



**MPS – Excavation work in progress**



### **NAINI-II STP**



**FCR tank –Lift wall concreting under progress**



**MPS - Excavation work in progress**

### JHUNSI STP



Staff Quarter – Column curing in progress



FCR Tank – Raft reinforcement completed



FCR Tank – Raft concrete in progress

### **JHUNSI STP**



**FCR tank –Lift wall shuttering under progress**



**FCR tank –Lift wall Concreting under progress**



**PACKAGE-II**

**NAINI-I STP**



**Dehumidifier – Steel binding work in progress**



**Compressor Room - Construction work in progress**

**NAINI – I STP**



**Gas Engine – Foundation casting work in progress**



**Chimney Foundation - Pedestal casting in progress**

### NAINI – I STP



**Wet mix filter building - Roof slab casting work in progress**



**Aeration tank – Air piping dismantling work**



**Mechanical Screen – Installation work in progress**



**NAINI – I STP**



**HT Panel - Installation work in progress**



**LT Panel - Installation work in progress**



**FST – Weir plate erection work in progress**

### RAJAPUR STP



### SPS – Desilting work in progress



**CCT – Cleaning work in progress**



**Mechanical Screen – Overhauling work in progress**



### RAJAPUR STP



**Analyzer - Installation work in progress**



**Chlorination – Installation work in progress**



**Painting work in progress**

## 11. Outward Register

List of key design & documents were reviewed by Project Engineer during this period as below;

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
1.	AIPL/NMCG/PRAYAG/615	Observation on Documents of Dewatering Unit Feed Pumps	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
2.	AIPL/NMCG/PRAYAG/616	Observation on Hazardous Area Classification report	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
3.	AIPL/NMCG/PRAYAG/617	Observation on PLC IO List for Package - II of Prayagraj STP	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
4.	AIPL/NMCG/PRAYAG/612	Inspection Report of Jhansi Facilities, PKG – I Reg	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
5.	AIPL/NMCG/PRAYAG/613	Inspection Report of Naini - II Facilities, Package _I Prayagraj HAM project - Reg	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
6.	AIPL/NMCG/PRAYAG/614	Inspection Report of Phaphamau Facilities, Package _I Prayagraj HAM project - Reg	1-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
7.	AIPL/NMCG/PRAYAG/618	Inspection Report of Salori STP & Associated Infrastructure ,Package III – Reg	3-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
8.	AIPL/NMCG/PRAYAG/619	Inspection Report of Numayadahi STP & Associated Infrastructure ,Package III – Reg	3-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
9.	AIPL/NMCG/PRAYAG/620	Early warning for delay of construction works of Package I	3-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
10.	AIPL/NMCG/PRAYAG/621	Early warning for delay of Rehabilitation works of Package II	3-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
11.	AIPL/NMCG/PRAYAG/622	Request for Submission of Catch-up and resource plan for Pkg- I and II	3-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
12.	AIPL/NMCG/PRAYAG/624	Justification- Selection of Tube Settler over Lamella Clarifier (Process calculation, data sheet and GA of Tube settler for Package-I)	4-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
13.	AIPL/NMCG/PRAYAG/625	Method statement of Earthwork in excavation of MPS at Shantipuram under Pkg- I – Reg	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
14.	AIPL/NMCG/PRAYAG/629	Notice for Completion of Payment Milestone – II of Package – I.	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
15.	AIPL/NMCG/PRAYAG/626	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Shantipuram MPS	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
16.	AIPL/NMCG/PRAYAG/627	Observation on revised civil drawings Sludge Dewatering Building at Rajapur STP	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
17.	AIPL/NMCG/PRAYAG/628	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
18.	AIPL/NMCG/PRAYAG/630	Observation on 10 KVA UPS Data Sheet of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
19.	AIPL/NMCG/PRAYAG/631	Observation on Field Instruments Data sheets & Specifications for Naini-II STP	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
20.	AIPL/NMCG/PRAYAG/632	Observation on Field Instruments Data sheets & Specifications for Jhunsi STP	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
21.	AIPL/NMCG/PRAYAG/633	Observation on LT Power and control cables datasheet for Pkg I	5-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
22.	AIPL/NMCG/PRAYAG/634	Inspection Report of Ponghat STP & Associated Infrastructure, Package III – Reg	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
23.	AIPL/NMCG/PRAYAG/635	Inspection Report of Kodra STP & Associated Infrastructure, Package III – Reg	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
24.	AIPL/NMCG/PRAYAG/636	Inspection Report of Naini - I STP & Associated Infrastructure, Package II – Reg	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
25.	AIPL/NMCG/PRAYAG/637	Replacement of valves in Package-II-Reg	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
26.	AIPL/NMCG/PRAYAG/638	Regarding Poor Quality of Submission of various Design/Drawing/Documentation for Package I,II and III facilities under NMCG HAM Project at Prayagraj	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
27.	AIPL/NMCG/PRAYAG/639	Observation on Cooling Tower Civil Foundation Naini 1 STP	8-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
28.	AIPL/NMCG/PRAYAG/640	Minutes of Review meeting held on 10.12.2020 with regard to ongoing shut down activities of Naini I and Rajapur facilities under NMCG HAM Project at Prayagraj.	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
29.	AIPL/NMCG/PRAYAG/641	Observation on Lime Handling system for various STP location at Prayagraj STP	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
30.	AIPL/NMCG/PRAYAG/642	Observation on Lime Handling system for various STP location at Prayagraj STP	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
31.	AIPL/NMCG/PRAYAG/643	Observation on Naini I Gas Engine Documents	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
32.	AIPL/NMCG/PRAYAG/644	Observation on SCADA & PLC Control System Configuration diagram of Jhansi STP of Package - I	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
33.	AIPL/NMCG/PRAYAG/645	OBSERVATION ON CIVIL DESIGN & DRAWINGS OF SHASTRI BRIDGE SPS	15-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
34.	AIPL/NMCG/PRAYAG/646	Regarding the clearance for laying the DI pipe for Naini-II STP facilities of Package-I for Prayagraj STP Project	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
		under NMCG HAM Project at Prayagraj			
35.	AIPL/NMCG/PRAYAG/647	Inspection Report of Rajapur STP & Associated Infrastructure ,Package II – Reg	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
36.	AIPL/NMCG/PRAYAG/648	Rehabilitation status of ongoing works of Naini- I Facility as on 10 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
37.	AIPL/NMCG/PRAYAG/649	Rehabilitation status of ongoing works of Rajapur Facility as on 14 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
38.	AIPL/NMCG/PRAYAG/650	Fulfilment of Clause 8.2 (a) Phase I Designs & Drawings and 8.2 (b) Phase II Designs & Drawings	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
39.	AIPL/NMCG/PRAYAG/651	Rehabilitation status of ongoing works of Naini- I Facility as on 15 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II	16-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
40.	AIPL/NMCG/PRAYAG/652	Observation on Civil Drawing for Tube settler at Phaphamau STP	17-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
41.	AIPL/NMCG/PRAYAG/653	Observation on revised Civil Drawings for Process Building Phaphamau	17-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
42.	AIPL/NMCG/PRAYAG/654	Observation on Civil Drawings for Compressor Building at Naini 1 STP	17-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
43.	AIPL/NMCG/PRAYAG/655	Observation on Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP Revision 2	17-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
44.	AIPL/NMCG/PRAYAG/656	Observation on revised civil drawings of Sludge Dewatering Building at Naini-I	18-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
45.	AIPL/NMCG/PRAYAG/657	Observation on Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP	18-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
46.	Via Mail	Site inspection for RCC Pipe in Package-I for Prayagraj STP Project	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
47.	Via Mail	Rehabilitation Status: Naini I facilities	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
48.	AIPL/NMCG/PRAYAG/658	Observation on Field Instruments Data sheets & Specifications for Jhunsi STP	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
49.	AIPL/NMCG/PRAYAG/659	Observation on Instrument Cable Schedule of C&I of STP of Package – I of Prayagraj STP Project	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
50.	AIPL/NMCG/PRAYAG/660	Observation on Plant Layout - Package-II - Naini-I STP	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
51.	AIPL/NMCG/PRAYAG/661	Observation on Plant Layout - Package-II - Rajapur STP	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
52.	AIPL/NMCG/PRAYAG/662	Observation on Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS __REV.2	21-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
53.	AIPL/NMCG/PRAYAG/663	Observation on Bedding calculation for mahewaghat Trunk sewer to naini ii mps_pck I	22-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
54.	AIPL/NMCG/PRAYAG/664	Observation on Basna Nalla SPS - Rev 1 _Civil Design Docs & Dwgs	22-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
55.	AIPL/NMCG/PRAYAG/665	Observation on Electrical Design docs for Jhunsu STP : Prayagraj STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
56.	AIPL/NMCG/PRAYAG/666	Observation on Electrical Design docs for Naini-II STP : Prayagraj STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
57.	AIPL/NMCG/PRAYAG/667	Observation on Electrical Design docs for Phaphamau STP : Prayagraj STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
58.	AIPL/NMCG/PRAYAG/668	Observation on Electrical Design docs for Jhunsu MPS : Prayagraj STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
59.	AIPL/NMCG/PRAYAG/669	Observation on PLC System Configuration Naini-II STP ( PACKAGE - I)	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
60.	AIPL/NMCG/PRAYAG/670	Observation on Process Analyser Data sheets & Specifications for Naini-II STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
61.	AIPL/NMCG/PRAYAG/671	Observation on SCADA & PLC Control System Configuration diagram Phapamau (Package - I)	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
62.	AIPL/NMCG/PRAYAG/672	Observation on ASSET MANAGEMENT SYSTEM of C&I for each STP of Package – I of Prayagraj STP Project	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
63.	AIPL/NMCG/PRAYAG/673	Observation on PLC FAT & SAT Procedure of C&I of STP of Package – I of Prayagraj STP Project	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
64.	AIPL/NMCG/PRAYAG/674	Observation on AHF panel for Non clog submersible pumps Package I : Prayagraj STP	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
65.	AIPL/NMCG/PRAYAG/675	Observation on AIL approved QAP-FRC Analyzer-Chlorotech	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
66.	AIPL/NMCG/PRAYAG/676	Observation on Revised & Final FEEP Documents for Package II	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
67.	AIPL/NMCG/PRAYAG/677	Observation on Outfall/disposal piping for Jhunsi STP_Package I_Prayagraj HAM project	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
68.	AIPL/NMCG/PRAYAG/678	Observation on CIVIL DESIGN & DRAWINGS OF MAWAIYA DRAIN SPS	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
69.	AIPL/NMCG/PRAYAG/679	Observation on Manhole Typical drawing	24-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
70.	AIPL/NMCG/PRAYAG/680	Regarding successful implementation of Operation & Maintenance period for Package III facilities- Requisite compulsory documentation submissions during O & M period	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
71.	AIPL/NMCG/PRAYAG/681	Inspection Report of Numayadahi STP & Associated Infrastructure, Package III – Reg	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
72.	AIPL/NMCG/PRAYAG/682	Inspection Report of Ponghat STP & Associated Infrastructure, Package III – Reg	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
73.	AIPL/NMCG/PRAYAG/683	Inspection Report of Kodra STP & Associated Infrastructure, Package III – Reg	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
74.	AIPL/NMCG/PRAYAG/684	Rehabilitation status of ongoing works of Naini- I Facility as on 22 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
75.	AIPL/NMCG/PRAYAG/685	Rehabilitation status of ongoing works of Rajapur Facility as on 22 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
76.	AIPL/NMCG/PRAYAG/686	Minutes of Review meeting held on 17.12.2020 with regard to ongoing shut down activities of Naini I and Rajapur facilities under NMCG, HAM Project at Prayagraj	26-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
77.	AIPL/NMCG/PRAYAG/688	Submission of MPR September 2020	28-Dec-2020	SEFAE, NMCG, New Delhi	
78.	AIPL/NMCG/PRAYAG/689	Submission of MPR October 2020	28-Dec-2020	SEFAE, NMCG, New Delhi	
79.	AIPL/NMCG/PRAYAG/690	Submission of MPR November 2020	28-Dec-2020	SEFAE, NMCG, New Delhi	
80.	AIPL/NMCG/PRAYAG/691	Regarding approval of financial repercussion due to change in scope of Jhansi Facility of Package – I.	28-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
81.	AIPL/NMCG/PRAYAG/692	Inspection Report of Naini- II Facilities, PKG – I Reg	28-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
82.	AIPL/NMCG/PRAYAG/687	Observation on revised drawings for Sluice Gate Package II_R4	28-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
83.	AIPL/NMCG/PRAYAG/693	Observation on PLC IO List for Package - II of Prayagraj STP	29-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
84.	AIPL/NMCG/PRAYAG/694	Observation on Operation & Control Philosophy of C&I of PHAPHAMAU STP of Package – I for Prayagraj STP Project	29-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
85.	AIPL/NMCG/PRAYAG/695	Observation on Valve Schedule for Gas Engine at Naini-I STP	29-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
86.	AIPL/NMCG/PRAYAG/696	Observation on Naini I Gas Engine Documents (4)	29-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
87.	AIPL/NMCG/PRAYAG/697	Observation on Datasheet and GAD of Blowers for Package I	29-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
88.	AIPL/NMCG/PRAYAG/699	Observation on PLC I/O Schedule Naini-II STP	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
89.	AIPL/NMCG/PRAYAG/700	Observation on PLC based control system datasheet & Specifications including GA, IA, Annunciation, & Internal wiring of PLC Panels_Phaphamau STP of Package – I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
90.	AIPL/NMCG/PRAYAG/701	Observation on PLC BASED CONTROL SYSTEM DATASHEET & SPECIFICATIONS INCLUDING GA, IA, ANNUNCIATION, & INTERNAL WIRING OF PLC PANELS of C&I for Package - I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
91.	AIPL/NMCG/PRAYAG/702	Observation on Field Instruments Data sheets & Specifications ( Electromagnetic Flow meter) of C&I for SPS & MPS of Package - I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
92.	AIPL/NMCG/PRAYAG/703	Observation on Field Instruments Data sheet & Specification ( Ultrasonic level transmitters ) of C&I for PACKAGE - I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
93.	AIPL/NMCG/PRAYAG/704	Observation on PLC & SCADA Configuration Drawing for Package-II	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
94.	AIPL/NMCG/PRAYAG/705	Observation on LT Power and control cables datasheet for Pkg I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
95.	AIPL/NMCG/PRAYAG/706	Observation on Distribution Transformer documents for Pkg I.	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
96.	AIPL/NMCG/PRAYAG/707	Observation on revised General Layout for Bio Gas Engine at Naini I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
97.	AIPL/NMCG/PRAYAG/708	Observation on Tube Settler over Lamella Clarifier (Process calculation, data sheet and GA of Tube settler for Package-I	31-Dec-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



## 12. Inward Register

List of key design & documents were received by Project Engineer during this period as below;

Sr. No.	PWPL Transmittal reference number	Description	Date	From
1.	PWPL/UPJN/PMCG/723/2020	Submission of Cooling Tower Civil Foundation Naini 1 STP	1-Dec-20	Project Manager, Ganga Pollution control unit
2.	PWPL/UPJN/PMCG/724/2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	1-Dec-20	Project Manager, Ganga Pollution control unit
3.	PWPL/UPJN/PMCG/725/2020	Submission of outfall/disposal piping for Jhunsi STP_pck I_Prayagraj water	2-Dec-20	Project Manager, Ganga Pollution control unit
4.	PWPL/UPJN/PMCG/726/2020	Submission of Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP	3-Dec-20	Project Manager, Ganga Pollution control unit
5.	PWPL/UPJN/PMCG/727/2020	Submission of Plant Layout - Package-II - Naini-I STP	3-Dec-20	Project Manager, Ganga Pollution control unit
6.	PWPL/UPJN/PMCG/728/2020	Submission of PLC System Configuration Naini-II STP ( PACKAGE - I)	3-Dec-20	Project Manager, Ganga Pollution control unit
7.	PWPL/UPJN/PMCG/729/2020	Submission of revised Civil Drawings for Process Building Phaphamau	4-Dec-20	Project Manager, Ganga Pollution control unit
8.	PWPL/UPJN/PMCG/730/2020	Submission of Road Drain design and drawing Jhunshi STP Revision 0	4-Dec-20	Project Manager, Ganga Pollution control unit
9.	PWPL/UPJN/PMCG/731/2020	Submission of Basna Nalla SPS - Rev 1 _Civil Design Docs & Dwgs	5-Dec-20	Project Manager, Ganga Pollution control unit
10.	PWPL/UPJN/PMCG/732/2020	Submission of INSTRUMENT SCHEDULE of C&I for STP & PUMPING STATIONS of Package - I	5-Dec-20	Project Manager, Ganga Pollution control unit
11.	PWPL/UPJN/PMCG/733/2020	Submission of Trunk sewer & L-section drawing from Basna nalla SPS to	7-Dec-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
		Shantipuram MPS __REV.2		
12.	PWPL/UPJN/PMCG/734/2020	Submission of Mech GAD for Basana Nala SPS Under Pkg-1	7-Dec-20	Project Manager, Ganga Pollution control unit
13.	PWPL/UPJN/PMCG/735/2020	Submission of Civil Drawings for Compressor Building at Naini 1 STP	7-Dec-20	Project Manager, Ganga Pollution control unit
14.	PWPL/UPJN/PMCG/736/2020	SUBMISSION OF INSTRUMENT SCHEDULE of C&I for STP & PUMPING STATIONS of Package - I	7-Dec-20	Project Manager, Ganga Pollution control unit
15.	PWPL/UPJN/PMCG/737/2020	Submission of AHF panel for Non clog submersible pumps Package I : Prayagraj STP	8-Dec-20	Project Manager, Ganga Pollution control unit
16.	PWPL/UPJN/PMCG/738/2020	Submission of Field Instruments Data sheets & Specifications ( Electromagnetic Flow meter) of C&I for SPS & MPS of Package - I	8-Dec-20	Project Manager, Ganga Pollution control unit
17.	PWPL/UPJN/PMCG/739/2020	Submission of Field Instruments Data sheet & Specification ( Ultrasonic level transmitters ) of C&I for PACKAGE - I	8-Dec-20	Project Manager, Ganga Pollution control unit
18.	PWPL/UPJN/PMCG/740/2020	Submission of Electrical Design docs for Jhunsi STP : Prayagraj STP	8-Dec-20	Project Manager, Ganga Pollution control unit
19.	PWPL/UPJN/PMCG/741/2020	Submission of Electrical Design docs for Naini-II STP : Prayagraj STP	8-Dec-20	Project Manager, Ganga Pollution control unit
20.	PWPL/UPJN/PMCG/742/2020	Submission of Electrical Design docs for Phaphamau STP : Prayagraj STP	8-Dec-20	Project Manager, Ganga Pollution control unit
21.	PWPL/UPJN/PMCG/743/2020	Submission of Electrical Design docs for Jhunsi MPS : Prayagraj STP	8-Dec-20	Project Manager, Ganga Pollution control unit
22.	PWPL/UPJN/PMCG/744/2020	Submission of Plant Layout - Package-II - Naini-I STP	8-Dec-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
23.	PWPL/UPJN/PMCG/745/2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	8-Dec-20	Project Manager, Ganga Pollution control unit
24.	PWPL/UPJN/PMCG/746/2020	Submission of Digester Sludge Sump civil drawing at Naini-I STP Revision 2	9-Dec-20	Project Manager, Ganga Pollution control unit
25.	PWPL/UPJN/PMCG/747/2020	Submission of Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP Revision 2	9-Dec-20	Project Manager, Ganga Pollution control unit
26.	PWPL/UPJN/PMCG/748/2020	Submission of CIVIL DESIGN & DRAWINGS OF MAWAIYA DRAIN SPS	9-Dec-20	Project Manager, Ganga Pollution control unit
27.	PWPL/UPJN/PMCG/749/2020	Submission of Civil Drawings & Design for Jhansi MPS	9-Dec-20	Project Manager, Ganga Pollution control unit
28.	PWPL/UPJN/PMCG/750/2020	Submission of PLC FAT & SAT Procedure of C&I of STP of Package – I of Prayagraj STP Project	9-Dec-20	Project Manager, Ganga Pollution control unit
29.	PWPL/UPJN/PMCG/751/2020	SUBMISSION OF ASSET MANAGEMENT SYSTEM of C&I for each STP of Package – I	10-Dec-20	Project Manager, Ganga Pollution control unit
30.	PWPL/UPJN/PMCG/752/2020	Submission of revised civil drawings of Sludge Dewatering Building at Naini-I	10-Dec-20	Project Manager, Ganga Pollution control unit
31.	PWPL/UPJN/PMCG/753/2020	Submission of revised drawings for Sluice Gates Package II & III	11-Dec-20	Project Manager, Ganga Pollution control unit
32.	PWPL/UPJN/PMCG/755/2020	Submission of Package I - PE dosing system	11-Dec-20	Project Manager, Ganga Pollution control unit
33.	PWPL/UPJN/PMCG/756/2020	Submission of Manhole Typical drawing	12-Dec-20	Project Manager, Ganga Pollution control unit
34.	PWPL/UPJN/PMCG/757/2020	Submission of Instrument Cable Schedule of C&I of STP of Package – I of Prayagraj STP Project	14-Dec-20	Project Manager, Ganga Pollution control unit
35.	PWPL/UPJN/PMCG/758/2020	Submission of Tube Settler over Lamella Clarifier (Process calculation, data sheet	15-Dec-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
		and GA of Tube settler for Package-I		
36.	PWPL/UPJN/PMCG/759/2020	Submission of revised documents for Clarifiers at Naini I STP in Cat-A	15-Dec-20	Project Manager, Ganga Pollution control unit
37.	PWPL/UPJN/PMCG/760/2020	Submission of Operation & Control Philosophy of C&I of PHAPHAMAU STP of Package – I for Prayagraj STP Project	15-Dec-20	Project Manager, Ganga Pollution control unit
38.	PWPL/UPJN/PMCG/761/2020	Submission of structural drawing of Tube settler for Jhansi STP	15-Dec-20	Project Manager, Ganga Pollution control unit
39.	PWPL/UPJN/PMCG/762/2020	Submission of revised Civil Drawings for Mahewaghat SPS.	15-Dec-20	Project Manager, Ganga Pollution control unit
40.	PWPL/UPJN/PMCG/763/2020	Submission of Naini II Process Building Civil Drawings	16-Dec-20	Project Manager, Ganga Pollution control unit
41.	PWPL/UPJN/PMCG/764/2020	Submission of PLC IO List for Package - II of Prayagraj STP	16-Dec-20	Project Manager, Ganga Pollution control unit
42.	PWPL/UPJN/PMCG/765/2020	Submission of Distribution Transformer documents for Pkg I.	16-Dec-20	Project Manager, Ganga Pollution control unit
43.	PWPL/UPJN/PMCG/766/2020	Submission of Bedding calculation for Mahewaghat to Naini-II MPS of Pkg I	16-Dec-20	Project Manager, Ganga Pollution control unit
44.	PWPL/UPJN/PMCG/768/2020	Submission of LT Power and control cables datasheet for Pkg I	17-Dec-20	Project Manager, Ganga Pollution control unit
45.	PWPL/UPJN/PMCG/769/2020	Submission of Lime Handling system for various STP location at Prayagraj STP( Index-3)	17-Dec-20	Project Manager, Ganga Pollution control unit
46.	PWPL/UPJN/PMCG/770/2020	Submission of datasheet for sludge dewatering unit of Package-I	18-Dec-20	Project Manager, Ganga Pollution control unit
47.	PWPL/UPJN/PMCG/771/2020	Submission of LT panel for Non clog submersible pumps Package I : Prayagraj STP	19-Dec-20	Project Manager, Ganga Pollution control unit
48.	PWPL/UPJN/PMCG/772/2020	Submission of Master Documents List (MDL) for STP projects at Allahabad	21-Dec-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
49.	PWPL/UPJN/PMCG/773/2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	21-Dec-20	Project Manager, Ganga Pollution control unit
50.	PWPL/UPJN/PMCG/774/2020	Letter for unnatural delay in design, drawing and datasheet approval	21-Dec-20	Project Manager, Ganga Pollution control unit
51.	PWPL/UPJN/PMCG/775/2020	Submission of Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP	22-Dec-20	Project Manager, Ganga Pollution control unit
52.	PWPL/UPJN/PMCG/776/2020	Submission of documents for Gas Mixing System Naini I	23-Dec-20	Project Manager, Ganga Pollution control unit
53.	PWPL/UPJN/PMCG/773/2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	23-Dec-20	Project Manager, Ganga Pollution control unit
54.	PWPL/UPJN/PMCG/777/2020	Submission of PLC I/O Schedule of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	24-Dec-20	Project Manager, Ganga Pollution control unit
55.	PWPL/UPJN/PMCG/778/2020	Submission of Tube Settler over Lamella Clarifier (Process calculation, data sheet and GA of Tube settler for Package-I	24-Dec-20	Project Manager, Ganga Pollution control unit
56.	PWPL/UPJN/PMCG/779/2020	Submission of revised Civil Drawings for Process Building Phaphamau	24-Dec-20	Project Manager, Ganga Pollution control unit
57.	PWPL/UPJN/PMCG/780/2020	Submission of Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP	24-Dec-20	Project Manager, Ganga Pollution control unit
58.	PWPL/UPJN/PMCG/781/2020	SCADA & PLC Control System Configuration diagram-PHAPHAMAU STP	24-Dec-20	Project Manager, Ganga Pollution control unit
59.	PWPL/UPJN/PMCG/782/2020	Submission of revised Civil Drawings for Process Building Jhunsi	28-Dec-20	Project Manager, Ganga Pollution control unit
60.	PWPL/UPJN/PRAYAGRAJ/SITE/391	Submission of joint survey details of Basmala SPS to Shantipuram MPS route of Package-I.	28-Dec-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
61.	PWPL/UPJN/PMCG/783/2020	Submission of PLC IO SCHEDULE of C&I of Pumping stations for Package - I	29-Dec-20	Project Manager, Ganga Pollution control unit
62.	PWPL/UPJN/PMCG/784/2020	Submission of Test Certificates & Manufacturer's catalogues of C&I of STP & Pumping station for Package I	29-Dec-20	Project Manager, Ganga Pollution control unit
63.	PWPL/UPJN/PMCG/785/2020	ASSET MANAGEMENT SYSTEM of C&I for each STP of Package - I of Prayagraj STP Project	30-Dec-20	Project Manager, Ganga Pollution control unit
64.	PWPL/UPJN/PMCG/786/2020	INSTRUMENT SCHEDULE of C&I for STP & PUMPING STATIONS of Package - I	30-Dec-20	Project Manager, Ganga Pollution control unit

### 13. EHS targets, Achievement & compliance report for the month of December' 2020

Sr. No.	Goals	Target of the month	Achievement of this Month	Previous Month achievement	Remark
1	Zero total recordable injuries	100%	100%	100%	
2	All personnel Health and Safety inducted	100%	100%	100%	
3	100% incident reporting and investigation	100%	100%	100%	
4	100% adherence of usage of appropriate PPE's at work	100%	100%	100%	

### 14. Status of statutory permits:

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
<b>Phaphamau Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	2 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. At Phaphmau STP 2. At Basna Nalla SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	88 No.	Received NOC From Forest Dept for Cutting 88 Nos. of trees.
4	Road cutting & crossing	Public Works Department	NA	Not Required
5	Railway Crossing	Commissioner Railway Safety	NA	Not Required
6	National Highway cutting & crossing	National Highway Authority of India	1 No.	Already applied on dated. On dated 26.02.2020, and NHAI inspection completed and report submitted to joint secretariat, Lucknow. Final approval is awaited. Total 01 nos. NH Road crossings. (Raising main from Basna Nalla SPS to Phaphmau STP and Trunk sewer in continuation Raising main of



Sr. No.	Applicable Permit	Authority	Quantity	Remarks
				basna nalla SPS falling along the NHAI for about 1.4 Kms.)
7	Revenue Road cutting & crossing	Panchayat/Local Authority	NA	Not Required
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to JN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	2 No.	Under process towards filing the application, Construction of 2 no. of Weir at; 1. Basna Nalla Drain Tapping 2. Shantipuram Nalla Tapping
10	Approach Road to new Facilities	Forest Department/Panchayat/Local Authority/Irrigation Department	NA	Not Required
11	Consent to operate for Existing Facilities	ULB and SPCB	1 No.	Will be processed during commissioning stage.
<b>Naini-II Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	3 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. At Naini-II STP 2. At Mahewaghat SPS 3. At Mawaiya SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	-	Under process towards filing the application. Finalized for laying of trunk sewer line route alignment is under progress.
4	Road cutting & crossing	Public Works Department	1 No.	Already applied on dated 19.10.2020 for STP main line. NOC received from Mahewaghat SPS to Naini-II MPS on 08th Dec'2020.
5	Railway Crossing	Commissioner Railway Safety	1 No.	Already applied on dated 12.11.2020. Final approval is awaited.



Sr. No.	Applicable Permit	Authority	Quantity	Remarks
6	National Highway cutting & crossing	National Highway Authority of India	NA	NA
7	Revenue Road cutting & crossing	Panchayat/Local Authority	1 No.	Under process towards filing the application to concern authority.
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to JN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	6 No.	Under process towards filing the application, Construction of Weir at 6 nos. Drains. Location: - 1. Mawaiya Drain 2. Sachcha Baba Aashram Drain 3. Kharkhauni Drain 4. Mahewaghat Nalla-1 5. Mahewaghat Nalla-2 6. Mahewaghat Nalla-3
10	Approach Road to new Facilities	Forest Department/Panchayat/Local Authority/Irrigation Department	NA	Not Required
11	Consent to operate for Existing Facilities	ULB and SPCB	1 No.	Will be processed during commissioning stage
<b>Jhansi Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	2 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. Jhansi STP 2. Shastri Bridge SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	NA	Not Required
4	Road cutting & crossing	Public Works Department	1 No.	Under process towards filing the application to concern authority. Location: - Trivenipuram ADA Colony colony to Shashtri Bridge SPS
5	Railway Crossing	Commissioner Railway Safety	1 No.	Under process towards filing the application to concern authority. Location: - Shashtri Bridge

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
6	National Highway cutting & crossing	National Highway Authority of India	1 No.	Under process towards filing the application to concern authority. Location: - Underpass Shashtri Bridge
7	Revenue Road cutting & crossing	Panchayat/Local Authority	1 No.	Under process towards filing the application to concern authority. Location: - Shastri Bridge SPS to Jhunsi MPS
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to UPJN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	13 No	Under process towards filing the application, Construction of Weir at 13 nos. Drains. Locations: - 1. Augharwa Nalla 2. Bholi Mandir Nalla 3. Gangoli Shivala Nalla I 4. Gangoli Shivala Nalla II 5. Savitri Nagar Nalla 6. Dham Nalla 7. Sashtri bridge Nalla 8. Triveni Marg Nalla I 9. Triveni Marg Nalla II 10. Ulta Quila Nalla I 11. Ulta Quila Nalla II 12. Havelia Nalla 13. Lakkar Nalla
10	Approach Road to new Facilities	Forest Department/Panchayat/ Local Authority/Irrigation Department	NA	Not Required
11	consent to operate for Existing Facilities	ULB and SPCB	1 No	Will be processed during commissioning stage
12	Shastri Bridge SPS Site		1	There is a dispute regarding the land position by Railway department / Revenue Department. Joint Site inspection made by UPJN and concerned line officers made on dated 2 <sup>nd</sup> Nov 2020. The final decision is pending.

## 15. Plant & Machinery Status

Machinery Details											
Sr. No.	Machinery Name	Facility Name									
		Phaphamau	Naini-II	Jhansi	Naini-I	Rajapur	Salori	Numayadahi	Ponghat	Kodra	Total
1.	JCB	1	1	-	2	-	-	-	-	-	4
2.	Dumper	-	-	-	-	-	-	-	-	-	0
3.	Poclain	-	1	-	-	-	-	-	-	-	1
4.	Ajax	-	1	-	-	1	-	-	-	-	2
5.	Hydra	-	-	-	1	-	-	-	-	-	1
6.	Roller	-	1	-	-	-	-	-	-	-	1
7.	Submersible Pump	3	1	-	-	-	-	-	-	-	4
8.	Diesel Pump 5 HP	1	2	-	1	-	-	-	-	-	4
9.	5KV generator	-	1	1	-	-	-	-	-	-	2
10.	Total Station	-	1	-	-	-	-	-	-	-	1
11.	Water tanker	-	-	-	-	1	-	-	-	-	1
12.	Auto level	1	1	-	-	-	-	-	-	-	2
13.	Mixing machine	1	-	-	2	-	-	-	-	-	3
14.	Vibrator	2	2	1	2	-	-	-	-	-	7
15.	Tractor	2	3	-	4	1	-	-	-	-	10
16.	Concrete Chipping machine	-	-	-	1	-	-	-	-	-	1
17.	Welding Machine	1	-	-	3	1	-	-	-	-	5
18.	Grinding Machine	-	-	-	1	-	-	-	-	-	1
19.	Gas Cutting Set	-	-	-	2	-	-	-	-	-	2
20.	Chain Saw Machine	-	-	-	2	1	-	-	-	-	3

21.	Chain Block	-	-	-	1	-	-	-	-	-	1
22.	RM 800	1	-	-	-	-	-	-	-	-	1
23.	Plywood Cutting Machine	-	1	-	-	1	-	-	-	-	2
24.	Steel Cutting Machine	2	2	-	1	1	-	-	-	-	6
	<b>Total</b>	<b>15</b>	<b>18</b>	<b>2</b>	<b>23</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>65</b>

## 16. Project Engineer Activities

Annexure-1; Project Engineer's activities for the month of "December '2020"

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1-Dec-2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	28-Nov-2020	1-Dec-2020	3	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
1-Dec-2020	Submission of PLC IO List for Package - II of Prayagraj STP	28-Nov-2020	1-Dec-2020	3	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
1-Dec-2020	Submission of Hazardous Area Classification report	28-Nov-2020	1-Dec-2020	3	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
1-Dec-2020	Inspection Report of Jhunsi Facilities, PKG – I Reg	23-Nov-2020	1-Dec-2020	8	7	1	-	Mr. Abhishek Singh	1	-	-	-	-
1-Dec-2020	Inspection Report of Naini - II Facilities, Package _I Prayagraj HAM project - Reg	23-Nov-2020	1-Dec-2020	8	7	1	-	Mr. Amit Ranjan	1	-	-	-	-
1-Dec-2020	Inspection Report of Phaphamau Facilities, Package _I Prayagraj HAM project - Reg	24-Nov-2020	1-Dec-2020	7	7	-	-	Mr. Wahab Alam	1	-	-	-	-
1-Dec-2020	Early warning for delay of construction works of Package I	3-Dec-2020	3-Dec-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
2-Dec-2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Shantipuram MPS	13-Nov-2020	5-Dec-2020	22	10	12	Design Calculation is not correct	Mr. Arpan Ghosh	1	-	Design Calculation is not correct	Asked to Concessionaire please submit all the technical details as per	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
												Concession agreement	
2-Dec-2020	Submission of 10 KVA UPS Data Sheet of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	22-Nov-2020	5-Dec-2020	13	10	3	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
2-Dec-2020	Site visit of Phaphamau STP	2-Dec-2020	2-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
2-Dec-2020	Site visit of Jhunsi STP	2-Dec-2020	2-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
2-Dec-2020	Site visit of Naini-II STP	2-Dec-2020	2-Dec-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
3-Dec-2020	Inspection Report of Salori STP & Associated Infrastructure ,Package III – Reg	25-Nov-2020	3-Dec-2020	8	7	-	-	Mr. Gaurav Gupta Mr. Gaurav Pandey	1 1	-	-	-	-
3-Dec-2020	Inspection Report of Numayadahi STP & Associated Infrastructure ,Package III – Reg	27-Nov-2020	3-Dec-2020	6	7	-	-	Mr. Sudhir Tomar	1	-	-	-	-



Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
3-Dec-2020	Early warning for delay of Rehabilitation works of Package II	3-Dec-2020	3-Dec-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
3-Dec-2020	Request for Submission of Catch-up and resource plan for Pkg- I and II	3-Dec-2020	3-Dec-2020	1	-	-	-			-	-	-	-
3-Dec-2020	Site visit of Phaphamau STP	3-Dec-2020	3-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
3-Dec-2020	Site visit of Jhunsi STP	3-Dec-2020	3-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
3-Dec-2020	Submission of Field Instruments Data sheets & Specifications for Jhunsi STP	29-Nov-2020	5-Dec-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
3-Dec-2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	1-Dec-2020	5-Dec-2020	4	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
4-Dec-2020	Justification- Selection of Tube Settler over Lamella Clarifier	26-Nov-2020	4-Dec-2020	8	10	-	-	Mr. Divvela Srimannarayana Mr. Gaurav Pandey	1 1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
4-Dec-2020	Submission of Field Instruments Data sheets & Specifications for Naini-II STP	24-Nov-2020	5-Dec-2020	11	10	1	-	Mr. Atahar Ayyub	1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
4-Dec-2020	Submission of revised Civil Drawings for Process Building Phaphamau	4-Dec-2020	17-Dec-2020	13	10	3	Concessionaire was changed software for the sub structure	Mr. Arpan Ghosh	1	-	Concessionaire was changed software for the sub structure	Asked to Concessionaire please consider all structure in same software	-
4-Dec-2020	Site visit of Phaphamau STP	4-Dec-2020	4-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
4-Dec-2020	Site visit of Jhunsi STP	4-Dec-2020	4-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	1 1	-	-	-	-
5-Dec-2020	Submission of LT Power and control cables datasheet for Pkg I	25-Nov-2020	5-Dec-2020	10	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
5-Dec-2020	Method statement of Earthwork in excavation of MPS at Shantipuram under Pkg- I – Reg	5-Dec-2020	5-Dec-2020	1	-	-	-	Mr. Amit Ranjan	1	-	-	-	-
5-Dec-2020	Notice for Completion of Payment Milestone – II of Package – I.	26-Oct-2020	5-Dec-2020	40	7	33	Concessionaire was considered other milestone	Mr. Divvela Srimannarayana	1	-	Concessionaire was considered other milestone	Asked to Concessionaire please reshuffle construction plan as per	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
							work in Milestone-II of Package-I				work in Milestone-II of Package-I	UPJN and NMCG recommendation due to Covid	
5-Dec-2020	Submission of revised civil drawings Sludge Dewatering Building at Rajapur STP	2-Dec-2020	5-Dec-2020	3	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
5-Dec-2020	Site visit of Phaphamau STP	5-Dec-2020	5-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
5-Dec-2020	Site visit of Jhunsi STP	5-Dec-2020	5-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
5-Dec-2020	Site visit of Naii-I STP	5-Dec-2020	5-Dec-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Kumar Kashyap	1 1	-	-	-	-
6-Dec-2020	Sunday												
7-Dec-2020	Submission of Cooling Tower Civil Foundation Naini 1 STP	1-Dec-2020	8-Dec-2020	7	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
7-Dec-2020	Submission of Plant Layout - Package-II - Naini-I STP	3-Dec-2020	8-Dec-2020	5	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
7-Dec-2020	Regarding Poor Quality of Submission of various Design/Drawing/Documentation for Package I,II and III facilities under NMCG HAM Project at Prayagraj	8-Dec-2020	8-Dec-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
7-Dec-2020	Submission of PLC System Configuration Naini-II STP ( PACKAGE - I)	3-Dec-2020	24-Dec-2020	21	10	11	Some clarification pending from E&H (Vendor ) end	Mr. Atahar Ayyub	1	-	Some clarification pending from E&H (Vendor ) end	Asked to Concessionaire first please take the clarification on technical points and then give his confirmation in written	-
7-Dec-2020	Site visit of Phaphamau STP	7-Dec-2020	7-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
7-Dec-2020	Site visit of Jhunsi STP	7-Dec-2020	7-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
7-Dec-2020	Site visit of Naii-II STP	7-Dec-2020	7-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
8-Dec-2020	Inspection Report of Ponghat STP & Associated Infrastructure ,Package III – Reg	28-Nov-2020	8-Dec-2020	10	7	3	Technical discussion with UPJN	Mr. Gaurav Gupta	1	-	Technical discussion with UPJN	Discuss with UPJN because as per Concessionaire some work is not in scope but in the CA mentioned	-
8-Dec-2020	Inspection Report of Kodra STP & Associated Infrastructure ,Package III – Reg	27-Nov-2020	8-Dec-2020	11	7	4	Technical discussion with UPJN	Mr. Sudhir Tomar	1	-	Technical discussion with UPJN	Discuss with UPJN because as per Concessionaire some work is not in scope but in the CA mentioned	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
8-Dec-2020	Site visit of Naini - I STP & Associated Infrastructure ,Package II – Reg	8-Dec-2020	8-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Gaurav Pandey Mr. Divvela Srimannarayana	1 1 1	-	-	-	-
8-Dec-2020	Submission of SCADA & PLC Control System Configuration diagram - UPJN	14-Dec-2020	24-Dec-2020	10	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
8-Dec-2020	Replacement of valves in Package-II- Reg	8-Dec-2020	8-Dec-2020	1	-	-	-	Mr. Amit Ranjan	1	-	-	-	-
8-Dec-2020	Site visit of Phaphamau STP	8-Dec-2020	8-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
8-Dec-2020	Site visit of Jhunsi STP	8-Dec-2020	8-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
8-Dec-2020	Submission of Civil Drawings for Compressor Building at Naini 1 STP	7-Dec-2020	17-Dec-2020	10	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
9-Dec-2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	8-Dec-2020	17-Dec-2020	9	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
9-Dec-2020	Site visit of Phaphamau STP	9-Dec-2020	9-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
9-Dec-2020	Site visit of Jhunsi STP	9-Dec-2020	9-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
9-Dec-2020	Site visit of Naini-II STP	9-Dec-2020	9-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
9-Dec-2020	Submission of Valve Schedule for Gas Engine at Naini-I STP	24-Nov-2020	29-Dec-2020	35	10	25	Concessionaire provide without approval of make for valves	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	Concessionaire provide without approval of make for valves	Asked to Concessionaire first please take the approval on make by UPJN.	-
10-Dec-2020	Submission of Lime Handling system for various STP location at Prayagraj STP	29-Nov-2020	15-Dec-2020	16	10	6	In the GA , Concessionaire has not provided all the technical information	Mr. Gaurav Pandey	1	-	-	-	-
10-Dec-2020	Inspection Report of Rajapur STP & Associated Infrastructure ,Package II – Reg	9-Dec-2020	16-Dec-2020	7	7	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
10-Dec-2020	Submission of Electrical Design docs for Jhunsi MPS : Prayagraj STP	18-Dec-2020	24-Dec-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
10-Dec-2020	Submission of Digester Sludge Sump civil drawing at Naini-I STP Revision 2	9-Dec-2020	17-Dec-2020	8	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
10-Dec-2020	Site visit of Phaphamau STP	10-Dec-2020	10-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
10-Dec-2020	Site visit of Jhunsi STP	10-Dec-2020	10-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	1 1	-	-	-	-



Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
10-Dec-2020	Site visit of Naini-II STP	10-Dec-2020	10-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
11-Dec-2020	Submission of Naini I Gas Engine Documents	5-Dec-2020	15-Dec-2020	10	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
11-Dec-2020	Submission of Instrument Cable Schedule of C&I of STP of Package – I of Prayagraj STP Project	14-Dec-2020	19-Dec-2020	5	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
11-Dec-2020	Site visit of Phaphamau STP	11-Dec-2020	11-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
11-Dec-2020	Site visit of Jhunsi STP	11-Dec-2020	11-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Divvela Srimannarayana	1 1	-	-	-	-
11-Dec-2020	Site visit of Naini-II STP	11-Dec-2020	11-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Amit Ranjan	1 1	-	-	-	-
12-Dec-2020	Submission of revised civil drawings of Sludge Dewatering Building at Naini-I	10-Dec-2020	18-Dec-2020	8	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
12-Dec-2020	Regarding the clearance for laying the DI pipe for Naini-II STP facilities of Package-I for Prayagraj STP Project under NMCG HAM Project at Prayagraj	12-Dec-2020	16-Dec-2020	4	7	-	-	Mr. Amit Ranjan Mr. Divvela Srimannarayana	11	-	-	-	-
12-Dec-2020	Datasheet and GAD of Blowers for Package I	27-Nov-2020	29-Dec-2020	32	10	22	Concessionaire was not incorporated previous observation	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	Concessionaire was not incorporated previous observation	Asked to Concessionaire first please incorporate all the previous	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
												observation and then submit again	
12-Dec-2020	Site visit of Phaphamau STP	12-Dec-2020	12-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
12-Dec-2020	Site visit of Jhunsi STP	12-Dec-2020	12-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
12-Dec-2020	Site visit of Naini-II STP	12-Dec-2020	12-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
13-Dec-2020	Sunday												
14-Dec-2020	Site visit of Phaphamau STP	14-Dec-2020	14-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
14-Dec-2020	Site visit of Jhunsi STP	14-Dec-2020	14-Dec-2020	1	-	-	-	Mr. Amit Ranjan	1	-	-	-	-
14-Dec-2020	Site visit of Naini-II STP	14-Dec-2020	14-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
14-Dec-2020	Rehabilitation status of ongoing works of Naini- I Facility as on 10 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	10-Dec-2020	16-Dec-2020	6	7	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
14-Dec-2020	Site visit of Naini-I STP	14-Dec-2020	14-Dec-2020	1	-	-	-	Mr. Gaurav Pandey	1	-	-	-	-
14-Dec-2020	Submission of PLC FAT & SAT Procedure of C&I of STP of Package – I of Prayagraj STP Project	9-Dec-2020	24-Dec-2020	15	10	5	Concessionaire was not provided all the technical details	Mr. Atahar Ayyub	1	-	-	-	-
14-Dec-2020	Submission of Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP Revision 2	9-Dec-2020	17-Dec-2020	8	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
15-Dec-2020	CIVIL DESIGN & DRAWINGS OF SHASTRI BRIDGE SPS	5-Nov-2020	15-Dec-2020	40	10	30	Due to change in location	Mr. Arpan Ghosh	1	-	-	-	-
15-Dec-2020	Submission of Lime Handling system for various STP location at Prayagraj STP	5-Dec-2020	15-Dec-2020	10	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
15-Dec-2020	Submission of SCADA & PLC Control System Configuration diagram of Jhansi STP of Package - I.	14-Dec-2020	15-Dec-2020	1	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
15-Dec-2020	Minutes of Review meeting held on 10.12.2020 with regard to ongoing shut down activities of Naini I and Rajapur facilities under NMCG HAM Project at Prayagraj.	10-Dec-2020	15-Dec-2020	5	-	-	-	Mr. Amit Ranjan	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
15-Dec-2020	Rehabilitation status of ongoing works of Rajapur Facility as on 14 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	14-Dec-2020	16-Dec-2020	2	7	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
15-Dec-2020	Site visit of Phaphamau STP	15-Dec-2020	15-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
15-Dec-2020	Site visit of Jhansi STP	15-Dec-2020	15-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
15-Dec-2020	Site visit of Naini-II STP	15-Dec-2020	15-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
16-Dec-2020	Fulfilment of Clause 8.2 (a) Phase I Designs & Drawings and 8.2 (b) Phase II Designs & Drawings	16-Dec-2020	16-Dec-2020	1	-	-	-	Mr. Divvela Srimannarayana Mr. Atahar Ayyub	11	-	-	-	-
16-Dec-2020	Rehabilitation status of ongoing works of Naini- I Facility as on 15 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II	15-Dec-2020	16-Dec-2020	1	7	-	-	Mr. Amit Ranjan	1	-	-	-	-
16-Dec-2020	Submission of Plant Layout - Package-II - Naini-I STP	8-Dec-2020	18-Dec-2020	10	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
16-Dec-2020	Site visit of Phaphamau STP	16-Dec-2020	16-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
16-Dec-2020	Site visit of Jhansi STP	16-Dec-2020	16-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
16-Dec-2020	Site visit of Naini-II STP	16-Dec-2020	16-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
17-Dec-2020	Site visit of Naini-I STP	17-Dec-2020	17-Dec-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Amit Ranjan	1 1	-	-	-	-
17-Dec-2020	Submission of Process Analyser Data sheets & Specifications for Naini-II STP	26-Nov-2020	24-Dec-2020	28	10	18	-	Mr. Atahar Ayyub	1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
17-Dec-2020	Site visit of Phaphamau STP	17-Dec-2020	17-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Divvela Srimannarayana	1 1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
17-Dec-2020	Site visit of Jhunsi STP	17-Dec-2020	17-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
17-Dec-2020	Site visit of Naini-II STP	17-Dec-2020	17-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
18-Dec-2020	Submission of Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP	13-Dec-2020	18-Dec-2020	5	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
18-Dec-2020	Site visit of Naini-I STP	18-Dec-2020	18-Dec-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Amit Ranjan	1 1	-	-	-	-
18-Dec-2020	Submission of Electrical Design docs for Jhunsi STP : Prayagraj STP	18-Dec-2020	24-Dec-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
18-Dec-2020	Site visit of Phaphamau STP	18-Dec-2020	18-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
18-Dec-2020	Site visit of Jhunsi STP	18-Dec-2020	18-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Divvela Srimannarayana	1 1	-	-	-	-
18-Dec-2020	Site visit of Naini-II STP	18-Dec-2020	18-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
19-Dec-2020	Plant Layout - Package-II - Rajapur STP	12-Dec-2020	19-Dec-2020	7	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
19-Dec-2020	INSTRUMENT SCHEDULE of C&I for STP & PUMPING STATIONS of Package - I	15-Dec-2020	19-Dec-2020	4	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
19-Dec-2020	Basna Nalla SPS - Rev 1 _Civil Design Docs & Dwgs	15-Dec-2020	22-Dec-2020	7	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
19-Dec-2020	Site visit of Phaphamau STP	19-Dec-2020	19-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
19-Dec-2020	Site visit of Jhunsi STP	19-Dec-2020	19-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	11	-	-	-	-
19-Dec-2020	Site visit of Naini-II STP	19-Dec-2020	19-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
20-Dec-2020	Sunday												
21-Dec-2020	Submission of Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS __REV.2	7-Dec-2020	21-Dec-2020	14	10	4	Submitted document has not proper technical data as per Concession agreement	Mr. Arpan Ghosh	1	-	Submitted document has not proper technical data as per Concession agreement	Asked to Concessionaire first please provide the all required technical details	-
21-Dec-2020	Submission of AHF panel for Non clog submersible pumps Package I : Prayagraj STP	8-Dec-2020	24-Dec-2020	16	10	6	Submitted document has not proper technical data as per Concession agreement	Mr. Atahar Ayyub	1	-	Submitted document has not proper technical data as per	Asked to Concessionaire first please provide the all required technical details	-



Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
											Concession agreement		
21-Dec-2020	Site visit of Phaphamau STP	21-Dec-2020	21-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
21-Dec-2020	Site visit of Jhunsi STP	21-Dec-2020	21-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	1 1	-	-	-	-
21-Dec-2020	Site visit of Naini-II STP	21-Dec-2020	21-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
21-Dec-2020	Site visit of Naini-I STP	21-Dec-2020	21-Dec-2020	1	-	-	-	Mr. Gaurav Pandey	1	-	-	-	-
22-Dec-2020	Submission of Bedding calculation for Mahewaghat to Naini-II MPS of Pkg I	16-Dec-2020	22-Dec-2020	6	10	-	-	Mr. Arpan Ghosh Mr. Amit Ranjan	1 1	-	-	-	-
22-Dec-2020	Submission of Electrical Design docs for Phaphamau STP : Prayagraj STP	18-Dec-2020	24-Dec-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
22-Dec-2020	Site visit of Naini-I STP	22-Dec-2020	22-Dec-2020	1	-	-	-	Mr. Gaurav Pandey	1	-	-	-	-
22-Dec-2020	Site visit of Phaphamau STP	22-Dec-2020	22-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
22-Dec-2020	Site visit of Jhunsi STP	22-Dec-2020	22-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
22-Dec-2020	Site visit of Naini-II STP	22-Dec-2020	22-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
23-Dec-2020	SUBMISSION OF ASSET MANAGEMENT SYSTEM of C&I for each STP of Package – I	19-Dec-2020	24-Dec-2020	5	10	-	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	-
23-Dec-2020	Site visit of Phaphamau STP	23-Dec-2020	23-Dec-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
23-Dec-2020	Site visit of Jhunsi STP	23-Dec-2020	23-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Divvela Srimannarayana	1 1	-	-	-	-
23-Dec-2020	Site visit of Naini-II STP	23-Dec-2020	23-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
24-Dec-2020	Submission of Revised & Final FEEP Documents for Package II	12-Nov-2020	24-Dec-2020	42	10	32	IN the HFD and Mass balance , Cocnessinaire was not incorpoarted previosu observation	Mr. Divvela Srimannarayana	1	-	IN the HFD and Mass balance , Cocnessinai re was not incorpoarted previous observation	Asked to Concessionaire please incorporate all the comments in HFD and mass balance also.	-
24-Dec-2020	Submission of Manhole Typical drawing	17-Dec-2020	26-Dec-2020	9	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
24-Dec-2020	Submission of Tube Settler over Lamella Clarifier (Process calculation, data sheet and GA of Tube settler for Package-I	15-Dec-2020	24-Dec-2020	9	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
24-Dec-2020	Submission of Electrical Design docs for Naini-II STP : Prayagraj STP	8-Dec-2020	24-Dec-2020	16	10	6	Concessionaire was not considered full load	Mr. Atahar Ayyub	1	-	Concessionaire was not considered full load	Asked to Concessionaire please incorporate full load like stand by equipment also.	-
24-Dec-2020	Site visit of Phaphamau STP	24-Dec-2020	24-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
24-Dec-2020	Site visit of Jhunsi STP	24-Dec-2020	24-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	1 1	-	-	-	-
24-Dec-2020	Site visit of Naini-II STP	24-Dec-2020	24-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
25-Dec-2020	Christmas Day												
26-Dec-2020	Regarding successful implementation of Operation & Maintenance period for Package III facilities- Requisite compulsory documentation submissions during O & M period	26-Dec-2020	26-Dec-2020	1	-	-	-	Mr. Amit Ranjan	1	-	-	-	-
26-Dec-2020	Inspection Report of Numayadahi STP & Associated Infrastructure, Package III – Reg	19-Dec-2020	26-Dec-2020	7	7	-	-	Mr. Gaurav Gupta	1	-	-	-	-
26-Dec-2020	Inspection Report of Ponghat STP & Associated Infrastructure, Package III – Reg	19-Dec-2020	26-Dec-2020	7	7	-	-	Mr. Sudhir Tomar Mr. Wahab Alam	1 1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
26-Dec-2020	Inspection Report of Kodra STP & Associated Infrastructure, Package III – Reg	19-Dec-2020	26-Dec-2020	7	7	-	-			-	-	-	-
26-Dec-2020	Rehabilitation status of ongoing works of Naini- I Facility as on 22 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	22-Dec-2020	26-Dec-2020	4	10	-	-	Mr. Divvela Srimannarayana Mr. Atahar Ayyub	1 1	-	-	-	-
26-Dec-2020	Rehabilitation status of ongoing works of Rajapur Facility as on 22 .12.2020 with status availability of materials of planned works under shut down period 01.12.2020 to 30.12.2020 under Package II -Reg	22-Dec-2020	26-Dec-2020	4	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
26-Dec-2020	Minutes of Review meeting held on 17.12.2020 with regard to ongoing shut down activities of Naini I and Rajapur facilities under NMCG, HAM Project at Prayagraj	17-Dec-2020	26-Dec-2020	9	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
26-Dec-2020	Submission of outfall/disposal piping for Jhunsi STP_pck I_Prayagraj water	2-Dec-2020	26-Dec-2020	24	10	14	Route was not marked in proper manner	Mr. Arpan Ghosh	1	-	Route was not marked in proper manner	Asked to Concessionaire please mention route with all specification like road name , pipe size and manhole no and etc.	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
26-Dec-2020	Submission of CIVIL DESIGN & DRAWINGS OF MAWAIYA DRAIN SPS	19-Dec-2020	26-Dec-2020	7	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
27-Dec-2020	Sunday												
28-Dec-2020	Submission of revised drawings for Sluice Gates Package II & III	11-Dec-2020	28-Dec-2020	17	10	7	Concessionaire was submitted without taken approval for vendor from UPJN side	Mr. Gaurav Pandey	1	-	Concessionaire was submitted without taken approval for vendor from UPJN side	Asked to Concessionaire please take the approval from UPJN for the make change.	-
28-Dec-2020	Submission of MPR November 2020	28-Dec-2020	28-Dec-2020	0	-	-	-	Mr. Divvela Srimannarayana Mr. Amit Ranjan	1 1	-	-	-	-
28-Dec-2020	Regarding approval of financial repercussion due to change in scope of Jhansi Facility of Package – I.	9-Dec-2020	28-Dec-2020	19	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
28-Dec-2020	Inspection Report of Naini-II Facilities, PKG – I Reg	28-Dec-2020	28-Dec-2020	1	7	-	-	Mr. Kumar Kashyap	1	-	-	-	-
28-Dec-2020	Site visit of Phaphamau STP	28-Dec-2020	28-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
28-Dec-2020	Submission of PLC IO List for Package - II of Prayagraj STP	16-Dec-2020	29-Dec-2020	13	10	3	In the submitted document Concessionaire was not considered	Mr. Atahar Ayyub	1	-	In the submitted document Concessionaire was not considered	Asked to Concessionaire please incorporate full load like stand by equipment also.	

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
							stand by equipment				stand by equipment		
29-Dec-2020	Submission of Operation & Control Philosophy of C&I of PHAPHAMAU STP of Package – I for Prayagraj STP Project	19-Dec-2020	29-Dec-2020	10	10	-	-	Mr. Amit Ranjan	1	-	-	-	-
29-Dec-2020	Site visit of Phaphamau STP	29-Dec-2020	29-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
29-Dec-2020	Submission of PLC BASED CONTROL SYSTEM DATASHEET & SPECIFICATIONS INCLUDING GA, IA, ANNUNCIATION, & INTERNAL WIRING OF PLC PANELS of C&I for Package - I of Prayagraj STP Project	20-Dec-2020	31-Dec-2020	11	10	1	-	Mr. Atahar Ayyub	1	-	-	-	-
29-Dec-2020	Submission of revised documents for Clarifiers at Naini I STP -	15-Dec-2020	30-Dec-2020	15	10	5	Concessionaire had modified many comments as per earlier approved CRS	Mr. Gaurav Pandey	1	-	-	-	-
29-Dec-2020	Site visit of Jhansi STP	29-Dec-2020	29-Dec-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
29-Dec-2020	Site visit of Naini-II STP	29-Dec-2020	29-Dec-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
30-Dec-2020	Submission of PLC based control system datasheet & Specifications including GA, IA, Annunciation, & Internal wiring of PLC Panels_Phaphamau STP of Package – I.	24-Dec-2020	31-Dec-2020	7	10	-	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	-
30-Dec-2020	Site visit of Jhunsi STP	30-Dec-2020	30-Dec-2020	1	-	-	-	Mr. Abhishek Singh Mr. Amit Ranjan	1 1	-	-	-	-
30-Dec-2020	Site visit of Naini-II STP	30-Dec-2020	30-Dec-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
30-Dec-2020	Site visit of Phaphamau STP	30-Dec-2020	30-Dec-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
31-Dec-2020	Submission of Tube Settler over Lamella Clarifier (Process calculation, data sheet and GA of Tube settler for Package-I	24-Dec-2020	31-Dec-2020	7	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
31-Dec-2020	Site visit of Naini-I STP	31-Dec-2020	31-Dec-2020	1	-	-	-	Mr. Atahar Ayyub	1	-	-	-	-
31-Dec-2020	Regarding approval of Revised Construction Schedule & Activity Breakup for Package-I	30-Dec-2020	31-Dec-2020	1	10	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana Mr. Abhishek Singh Mr. Wahab Alam Mr. Amit Ranjan	1 2 1 1 1	-	-	-	-



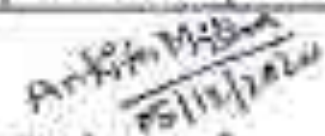
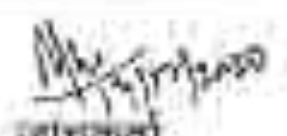

Project Engineer's activities for the month of "December'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Daily Supervision of O&M Activities of Package-III Facilities	Daily	-	Daily	-	-	-	Mr. Gaurav Gupta	21	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability
	Daily Supervision of O&M Activities of Package-II Facilities	Daily	-	Daily	-	-	-	Mr. Sudhir Tomar	23	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability

17. **Operation and Maintenance report for December month** – Site Lab report was not generated in December'20 month because Naini-I STP and Rajapur STP fully shutdown for Rehabilitation work.

**क्षेत्रीय कार्यालय, उत्प्रा प्रदूषण नियंत्रण बोर्ड, प्रयागराज**

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार उत्प्रा प्रयागराज में संयोजित एसटीपी/आउटलेट की निरलेषण आख्या

क्र.सं.	उत्प्रा का नाम	एसटीपी का नाम	प्रारंभिक प्रारंभ तिथि	उत्प्रा मयूत प्रारंभ तिथि	रा. (लीटर)	बी.एच.	क्षेत्र-सामाजिक औद्योगिक नाम (मिटर/लीटर)	सामाजिक औद्योगिक नाम (मिटर/लीटर)	उत्प्रा सार्वजनिक सार्वजनिक (मिटर/लीटर)	उत्प्रा सार्वजनिक	परिचलन क्षमता
1	प्रयागराज	बी.एसटीपी (ASTP)	02.12.2020	उत्प्रा मयूत प्रारंभ तिथि	40	7.28	29	48	93	18000	020
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
2	प्रयागराज	सर्वोत्तम एसटीपी (FAS)	01.12.2020	उत्प्रा मयूत प्रारंभ तिथि	25	7.22	21	40	30	43000	1100
3	प्रयागराज	सर्वोत्तम एसटीपी (FAS)	01.12.2020	उत्प्रा मयूत प्रारंभ तिथि	15	7.10	8	18	14	7900	400
4	प्रयागराज	सर्वोत्तम एसटीपी (LASB)	01.12.2020	उत्प्रा मयूत प्रारंभ तिथि	25	7.31	21	58	27	24000	080
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
5	प्रयागराज	सर्वोत्तम एसटीपी (Bio Tower)	01.12.2020	उत्प्रा मयूत प्रारंभ तिथि	20	7.14	20	38	22	12000	010
6	प्रयागराज	सर्वोत्तम एसटीपी (Bio Tower)	01.12.2020	उत्प्रा मयूत प्रारंभ तिथि	20	7.17	16	38	25	9400	010
7	प्रयागराज	सर्वोत्तम एसटीपी (Bio Tower)	02.12.2020	उत्प्रा मयूत प्रारंभ तिथि	35	7.38	24	60	37	22000	080

 विशलेषणकर्ता  
 जायका  
 क्षेत्रीय अधिकारी

Note: Values of KPIs which are highlighted are greater than the design value of KPIs given in Schedule – 9 of Concession Agreement.

## क्षेत्रीय कार्यालय, उ०प्र० प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस०टी०पी० आउटलेट की विश्लेषण आख्या

क्र.सं.	जनपद का नाम	एस०टी०पी० का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रा. (दिग्गन्)	घै.एस.	जैव-रासायनिक ऑक्सीजन मांग (मिग्रॉ/ली.)	रासायनिक ऑक्सीजन मांग (मिग्रॉ/ली.)	टोटल सस्पेंडेड सॉलिड (मिग्रॉ/ली.)	टोटल मापीकाई	सीकरा कालीफार्म
1	प्रयागराज	नेरी 80MLD (ASP)	07.12.2020	आउटलेट ऑफ एस०टी०पी०	35	7.72	28	78	48	27000	680
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
2	प्रयागराज	सरोवर 20MLD (FAB)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	30	8.28	24	74	33	35000	820
3	प्रयागराज	सरोवर 14MLD (SHR)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	15	7.87	8	42	18	8400	400
4	प्रयागराज	वज्रपुर 60MLD (UASB)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	30	7.46	29	52	30	24000	680
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
5	प्रयागराज	बीटा 25MLD (Bio Tower)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	25	7.82	18	64	38	11000	450
6	प्रयागराज	बीटा 10MLD (Bio Tower)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	20	7.56	13	36	32	9400	400
7	प्रयागराज	गुमवाडी 20MLD (Bio Tower)	09.12.2020	आउटलेट ऑफ एस०टी०पी०	35	7.48	22	52	39	2200	680

Anish Mishra  
14/12/2020  
विश्लेषणकर्ता

Mukesh  
14/12/2020  
जांचकर्ता

क्षेत्रीय अधिकारी  
15/12/2020

Note: Values of KPIs which are highlighted are greater than the design value of KPIs given in Schedule – 9 of Concession Agreement.





## क्षेत्रीय कार्यालय, उत्प्रो प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना की अनुसार वनपद प्रयागराज में संचालित एम्बीएपीओ आउटलेट की विश्लेषण आख्या

क्र.सं.	नगर का नाम	एम्बीएपीओ का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण स्थिति	सा (दिनांक)	पी.एच.	डीओ-डिमांडमिड ऑक्सीजन माग (मिग्राम/लीटर)	सस्पेंडिड ऑक्सीजन माग (मिग्राम/लीटर)	टोटल सस्पेंडिड माटियर (मिग्राम/लीटर)	टोटल बायोफार्म	पीपीएल मास्कोफार्म
1	प्रयागराज	नेली-80MLD (ASP)	16.12.2020	आउटलेट ऑन एम्बीएपीओ	30	7.82	29	82	60	24000	930
2	प्रयागराज	मनरी 25MLD (FAB)	15.12.2020	आउटलेट ऑन एम्बीएपीओ	30	8.20	22	78	38	35000	1100
3	प्रयागराज	मनरी 14MLD (SBR)	15.12.2020	आउटलेट ऑन एम्बीएपीओ	15	7.83	9	46	22	7000	400
4	प्रयागराज	मनरी 60MLD (UASB)	16.12.2020	आउटलेट ऑन एम्बीएपीओ	35	8.16	28	54	34	22000	680
5	प्रयागराज	बैरवा 18MLD (Bio Tower)	16.12.2020	आउटलेट ऑन एम्बीएपीओ	25	7.98	20	60	42	11000	450
6	प्रयागराज	बैरवा 18MLD (Bio Tower)	16.12.2020	आउटलेट ऑन एम्बीएपीओ	20	7.72	18	34	38	7000	400
7	प्रयागराज	गुवागरी 10MLD (Bio Tower)	16.12.2020	आउटलेट ऑन एम्बीएपीओ	30	7.48	24	56	48	21000	680

Andhika  
21/12/2020  
परिलेखक

21/12/2020  
आयकरी

21/12/2020  
क्षेत्रीय अधिकारी

Note: Values of KPIs which are highlighted are greater than the design value of KPIs given in Schedule – 9 of Concession Agreement.



## क्षेत्रीय कार्यालय, उपप्र० प्रदूषण नियंत्रण बोर्ड, प्रयागराज

यहाँ मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस०टी०पी० आउटलेट की विस्तरेषण आख्या

क्रमांक	जनपद का नाम	एस०टी०पी० का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	न। (लिटर)	पी.एच.	लोक-समयान्वित औक्सीजन साम (मिग्रा/लीटर)	सामयान्वित औक्सीजन साम (मिग्रा/लीटर)	टोटल सस्पेंडेड सॉलिड (मिग्रा/लीटर)	टोटल जलविलगी	प्रतिफल आतीवारी
1	प्रयागराज	सी० एम०डी (ASP)	21.12.2020	आउटलेट जल एकत्रण बिन्दु	35	7.89	28	80	45	24000	920
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
2	प्रयागराज	समरे एम०डी (FAB)	21.12.2020	आउटलेट जल एकत्रण बिन्दु	30	8.18	24	82	34	28000	920
3	प्रयागराज	समरे एम०डी (SHR)	25.12.2020	आउटलेट जल एकत्रण बिन्दु	15	7.72	9	31	14	7900	400
4	प्रयागराज	समरे एम०डी (UASB)	23.12.2020	आउटलेट जल एकत्रण बिन्दु	35	8.04	27	74	33	22000	680
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
5	प्रयागराज	बोया एम०डी (Bio Tower)	21.12.2020	आउटलेट जल एकत्रण बिन्दु	25	8.00	18	52	28	11000	450
6	प्रयागराज	बोया एम०डी (Bio Tower)	21.12.2020	आउटलेट जल एकत्रण बिन्दु	20	7.98	14	44	22	9400	400
7	प्रयागराज	बोया एम०डी (Bio Tower)	23.12.2020	आउटलेट जल एकत्रण बिन्दु	30	7.82	26	58	30	21000	680

26/12/2020  
विस्तरेषणकर्ता

26/12/2020  
जांचकर्ता

26/12/2020  
क्षेत्रीय अधिकारी

Note: Values of KPIs which are highlighted are greater than the design value of KPIs given in Schedule – 9 of Concession Agreement.





## क्षेत्रीय कार्यालय, उ०प्र० प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एसटीपीओ आउटलेट की निरलेखन आख्या

क्रमांक	आउटलेट का नाम	एसटीपीओ का नाम	जल संयुक्त एकांकक तिथि	जल समुदाय एकांकक विवरण	रा. (हैक्टर)	क्षेत्रफल	जैव-सांसायनिक ऑक्सीजन माप (मिथा/ली)	रसायनिक ऑक्सीजन माप (मिथा/ली)	टोटल सस्पेंडेड सॉलिड (मिथा/ली)	टोटल बल्लिफर्म	पड़ोस का सीमा
1	प्रयागराज	स्टे 80MLD (ASP)	31.12.2020	आउटलेट जल एकांकक	35	8.11	27	65	39	22000	920
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
2	प्रयागराज	स्टे 100MLD (FAB)	31.12.2020	आउटलेट जल एकांकक	35	8.24	22	62	35	35000	920
3	प्रयागराज	स्टे 100MLD (SBB)	31.12.2020	आउटलेट जल एकांकक	10	7.56	8	29	20	7900	600
4	प्रयागराज	स्टे 100MLD (UASB)	31.12.2020	आउटलेट जल एकांकक	35	8.21	28	56	37	21000	650
Stp is under repair Maintenance and Sewage treatment by Bioremediation.											
5	प्रयागराज	स्टे 100MLD (Bio Tower)	31.12.2020	आउटलेट जल एकांकक	30	7.84	16	42	34	12000	450
6	प्रयागराज	स्टे 100MLD (Bio Tower)	31.12.2020	आउटलेट जल एकांकक	30	8.15	12	36	40	8400	400
7	प्रयागराज	स्टे 100MLD (Bio Tower)	30.12.2020	आउटलेट जल एकांकक	25	8.31	18	48	38	17000	680

Andhika Mishra  
04/01/2021  
निर्लेखनकर्ता

04/01/2021  
जांचकर्ता

04/01/2021  
क्षेत्रीय अधिकारी

Note: Values of KPIs which are highlighted are greater than the design value of KPIs given in Schedule – 9 of Concession Agreement.